MORRISON CONSTRUCTION Material/Process **GENERIC - CEMENT**

Keyword Date

Contents

/ 10

4444

17/01/2002

Cement

Cement (including fire cement) Containing crystalline silica

1694

SOLID

MEDIUM HAZARD

Hazard



IRRITANT

Health Risks

Supplier *

Address

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL

IRRITATING TO RESPIRATORY SYSTEM

IRRITATING TO EYES

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE:H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

16/27

Assessment Comments

Method

Cutting

Area

Inside Poorly Ventilated

Exposure Time 4 to 8 hours daily

Interim/temporary assessment pending monitoring and/or

implementation

of engineering controls

Assessment Contents



OVERALLS HEAVY DUTY



PROTECT HANDS **HEAVY DUTY**





FACE VISOR **BS EN166 GRADE B4**



VENTILATION AND



VENTILATION PORTABLE OR



EN149 FFP3



NO SMOKING **EATING OR**

DRINKING



CONTACT

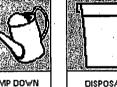
WASH AFTER



CHANGING



AFTER USE



THEN SWEEP DUSTS



Considerations



MAINTENANCE



EXPOSURE LEVEL



SKIN CHECK

Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

1694 /16

lazard 1694 / 10 4444 MORRISON CONSTRUCTION MEDIUM HAZAKD Kevword Cement **GENERIC - CEMENT** Material/Process Date 17/01/2002 SOLID Supplier Contents Address Cement (including fire cement) Containing crystalline silica IRRITANT **Assessment Comments** 17/27 Risk Assessment Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL Health Risks Refer to Confined Spacee Regulations 1997 for further Cutting Method IRRITATING.TO RESPIRATORY SYSTEM precautions IRRITATING TO EYES **Confined Space** Area PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES Exposure Time 4 to 8 hours daily SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS **Assessment Contents** Do not breathe dust When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage FORCED DISPOSABLE MONITOR **VENTILATION** VENTILATE AREA PROTECT HANDS **OVERALLS** VENTILATION DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES EXPOSURE LEVEL EN149 FFP3 LEV OR AND **HEAVY DUTY** HEAVY DUTY **OXYGEN** WEAR HEAVY DUTY GLOVES **LEVELS** WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS DAMP DOWN DISPOSAL CHANGING NO SMOKING WASH BASIN First Aid AFTER USE THEN SWEEP **EATING OR** WASH AFTER INHALATION - REMOVE TO FRESH AIR AND REST **DUSTS** CONTACT AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING INGESTION - DO NOT INDUCE VOMITING Ensure maintenance of engineering INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations controls (Reg 9). Material contains silica, IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY consider monitoring (Reg 10). Material EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES contains cement, consider skin checks SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER (Reg 11). IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

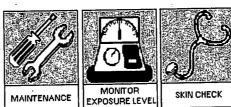
DO NOT USE WATER JET

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

WEAR SELF CONTAINED BREATHING APPARATUS

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE



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1694 /17 Printed: 24/05/2002

MORRISON CONSTRUCTION Material/Process **GENERIC - CEMENT**

Keyword Date

Contents

/ 10

4444

17/01/2002

Cement

Cement (including fire cement) Containing crystalline silica

1694

MEDIUM HAZARD

SOLID



Health Risks

Supplier

Address

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL

IRRITATING TO RESPIRATORY SYSTEM

IRRITATING TO EYES

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE.H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

18/27

Assessment Comments

Method Spraying

Area

Confined Space

Exposure Time 4 to 8 hours daily

Change filter every 1/2 shift. Refer to the Confined Spaces Regulations

1997 for further precautions.

Assessment Contents



EXPOSURE LEVEL **OXYGEN**

LEVELS



OVERALLS HEAVY DUTY



PROTECT HANDS **HEAVY DUTY**



YENTILATION AND



VENTILATION

OR



PORTABLE

EN149 FFP3



NO SMOKING

EATING OR DRINKING



WASH BASIN





AFTER USE



Considerations



MAINTENANCE



EXPOSURE LEYEL



Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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1694 /18

Hazard 1694 / 10 4444 MORRISON CONSTRUCTION MEDIUM HAZAKU Keyword Cement Material/Process **GENERIC - CEMENT** Date 17/01/2002 Supplier SOLID Contents Address Cement (including fire cement) Containing crystalline silica IRRITANT **Assessment Comments** 19/27 Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL Risk Assessment **Health Risks** Change mask every half shift Method Spraying IRRITATING TO RESPIRATORY SYSTEM **IRRITATING TO EYES** Óutside Area PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES Exposure Time 4 to 8 hours daily SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS **Assessment Contents** Do not breathe dust When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage NATURAL VENTILATE AREA **FOOTWEAR VENTILATION** FACE VISOR PROTECT HANDS **VENTILATION**

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

OVERALLS **HEAVY DUTY**

HEAVY DUTY

BS EN166



GRADE 3



WET CEMENT

AND

PORTABLE



EN149 FFP3



EATING OR DRINKING

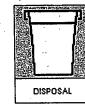


WASH AFTER · CONTACT



FOOTWEAR

CHANGING AFTER USE



Considerations



MAINTENANCE



SKIN CHECK

Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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MORRISON CONSTRUCTION Material/Process **GENERIC - CEMENT** Supplier

Keyword

Contents

Date

4444

17/01/2002

Cement

Cement (including fire cement) Containing crystalline silica

/ 10

1694

MEDIUM HAZARD

SOLID



IRRITANT

Health Risks

Address

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL

IRRITATING TO RESPIRATORY SYSTEM

IRRITATING TO EYES

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

20/27

Assessment Comments

Change mask every half shift

Method

Spraying

Area `

Inside Well Ventilated

Exposure Time 4 to 8 hours daily

Assessment Contents



OVERALLS **HEAVY DUTY**

DISPOSABLE

EN149 FFP3



PROTECT HANDS **HEAVY DUTY**

NO SMOKING

EATING OR

DRINKING



FACE VISOR **GRADE 3**



BS EN166



CEMENT



WASH BASIN

WASH AFTER

CONTACT





GENERAL

VENTILATION

AND

VENTILATION

LEV OR

AFTER USE

Considerations



MAINTENANCE



EXPOSURE LEVEL



SKIN CHECK

Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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1694 /20

MORRISON CONSTRUCTION **GENERIC - CEMENT** Material/Process Supplier

Keyword Date

Contents

Cement 1

Cement (including fire cement) Containing crystalline silica

4444

17/01/2002

MEDIUM HAZARD

SOLID

1694



Hazard

IRRITANT

Health Risks

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL

IRRITATING TO RESPIRATORY SYSTEM

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

IRRITATING TO EYES

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

Address

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

/ 10

21/27

Spraying Method

Inside Poorly Ventilated Area

Exposure Time 4 to 8 hours daily

Assessment Comments

Interim/temporary assessment pending monitoring and/or engineering

controls. Change mask every half shift

Assessment Contents



OVERALLS **HEAVY DUTY**

DISPOSABLE

EN149 FFP3



PROTECT HANDS **HEAVY DUTY**

NO SMOKING

EATING OR

DRINKING



BS EN166

GRADE 3









WASH AFTER CONTACT







VENTILATION

LEV OR

DISPOSAL

AFTER USE

CHANGING

Considerations



MAINTENANCE



MONITOR EXPOSURE LEVEL



Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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MORRISON CONSTRUCTION GENERIC - CEMENT Material/Process

Keyword

Contents

Date

4444 Cement · 17/01/2002

Cement (including fire cement) Containing crystalline silica

1694

MEDIUM HAZAKU

SOLID



IRRITANT

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL Health Risks

IRRITATING TO RESPIRATORY SYSTEM **IRRITATING TO EYES**

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

Supplier

Address

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

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DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

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Fire

ISOLATED SMALL SCALE FIRE:

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DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

Area

/ 10

22/27

Assessment Comments

Method

Mixina

Inside Well Ventilated

Exposure Time 1/2 to 2 hours daily

Refer to assessment to be mixed with for further protection required

Assessment Contents



COVER SKIN AVOID SKIN

CONTACT

DISPOSABLE

FN149 FFP2

PROTECT HANDS

HEAVY DUTY

NO SMOKING

FATING OR

DRINKING



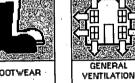
WASHBASIN

WASH AFTER

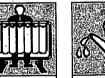
CONTACT



BS EN166 GRADE 4









IF SOILED



AND



VENTILATION

LEV OR

THEN SWEEP **DUSTS**

Considerations



MAINTENANCE



EXPOSURE LEVEL



Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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MORRISON CONSTRUCTION Material/Process **GENERIC - CEMENT** Supplier

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4444 Cement 17/01/2002

Cement (including fire cement) Containing crystalline silica

1694

MEDIUM HAZARD

SOLID



Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL Health Risks

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Spillage

Address

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DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

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DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

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IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

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WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

/ 10

23/27

Assessment Comments

Method Mixing

Outside

Area

Exposure Time 1/2 to 2 hours daily

Refer to assessment to be mixed with for further protection required

Assessment Contents



COVER SKIN **AVOID SKIN**

CONTACT



PROTECT HANDS **HEAVY DUTY**



EYE GOGGLES BS EN166

GRADE 4



FOOTWEAR



VENTILATION AND



PORTABLE OR



DISPOSABLE EN149 FFP2



EATING OR

DRINKING



WASH AFTER

CONTACT



IF SOILED





THEN SWEEP DUSTS

Considerations



MAINTENANCE



EXPOSURE LEVEL



Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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1694 /23

Hazard / 10 1694 4444 MORRISON CONSTRUCTION MEDIUM HAZAKU Material/Process Keyword Cement **GENERIC - CEMENT** Date Supplier 17/01/2002 SOLID Contents Address Cement (including fire cement) Containing crystalline silica IRRITANT **Assessment Comments** Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL Risk Assessment 24/27 **Health Risks** Applying mixed product. IRRITATING TO RESPIRATORY SYSTEM Method Hand applying **IRRITATING TO EYES** Area Any area (not confined) PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES Exposure Time 2 to 4 hours daily SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS **Assessment Contents** Do not breathe dust













RUBBER

IF SPLASH S LIKELY :

WET CEMENT

EATING OR DRINKING

WASH AFTER CONTACT

CHANGING

AVOID SKIN

CONTACT





IF SOILED

Considerations



Spillage

First Aid

VENTILATE AREA

ISOLATED SMALL SCALE FIRE:

When using do not eat, drink or smoke Avoid contact with skin and eyes

WEAR HEAVY DUTY GLOVES

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

INHALATION - REMOVE TO FRESH AIR AND REST.

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

WEAR RPF WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

MONITOR MAINTENANCE

SKIN CHECK EXPOSURE LEVE

Ensure maintenance of engineering controls (Reg 9), Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

1694 /24

MORRISON CONSTRUCTION Material/Process

GENERIC - CEMENT

Keyword Date

Contents

Cement 17/01/2002

Cement (including fire cement) Containing crystalline silica

4444

MEDIUM HAZAKU

1694

SOLID



Hazard

IBRITANT

Health Risks

Supplier

Address

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL

IRRITATING TO RESPIRATORY SYSTEM

IRRITATING TO EYES PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO'NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

/ 10

25/27

Assessment Comments

Method

General Exposure

Area

Confined Space

Exposure Time 4 to 8 hours daily

Assessment Contents



EXPOSURE LEVEL **OXYGEN**

LEVELS

VENTILATION

PORTABLE

OR



KEEP SKIN COVERED

DISPOSABLE

EN149 FFP2



PROTECT HANDS

NO SMOKING

EATING OR

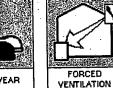
DRINKING



GRADE 4

BS EN166 HEAVY DUTY





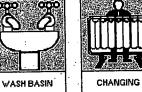
AND

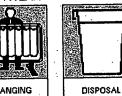
WET CEMENT FOOTWEAR



WASH AFTER

CONTACT





AFTER USE

Considerations



MAINTENANCE



EXPOSURE LEVEL



Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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1694 /25

MORRISON CONSTRUCTION Material/Process GENERIC - CEMENT Supplier

Keyword

Contents

Date

/ 10

4444

Cement :

Cement (including fire cement) Containing crystalline silica

17/01/2002

1694

MEDIUM HAZARD

SOLID



IRRITANT

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL **Health Risks**

IRRITATING TO RESPIRATORY SYSTEM **IRRITATING TO EYES**

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

Address

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST, GENERATION ...

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

26/27

Assessment Comments

Method

Mixina

Inside Poorly Ventilated

Area

Exposure Time 4 to 8 hours daily

Refer to assessment to be mixed with for further protection required `

Assessment Contents



COVER SKIN **AVOID SKIN**

CONTACT



RUBBER



EYE GOGGLES BS EN166

GRADE 4



WET

CEMENT

FOOTWEAR



FOOTWEAR



AND



LEV OR



DISPOSABLE EN149 FFP3



EATING OR DRINKING



WASH AFTER

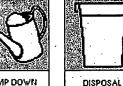


CONTACT



IF SOILED





THEN SWEEP **DUSTS**

Considerations



MAINTENANCE



MONITOR EXPOSURE LEVEL



SKIN CHECK

Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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1694 /26

MORRISON CONSTRUCTION

/ 10

1694

SOLID

MEDIUM HAZAKU



IRRITANT

GENERIC - CEMENT Material/Process

Supplier Address

Kevword Date

17/01/2002 Contents

Cement (including fire cement) Containing crystalline silica

4444

Cement

Exp Limit Silica resp. cryst. 0.3mg/m3 8hr TWA MEL **Health Risks** IRRITATING TO RESPIRATORY SYSTEM

IRRITATING TO EYES

PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE

SKIN - CAN CAUSE ALLERGIC DERMATITIS THROUGH CONTACT WITH CHROMATES

SKIN - CONTACT CAN CAUSE BURNS/SKIN ULCERATION

SKIN - CONTACT CAN CAUSE IRRITANT CONTACT DERMATITIS

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE OVERALLS & CHEMICAL/SAFETY FOOTWEAR

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

DO NOT USE WATER JET

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

27/27

Assessment Comments Applying mixed product.

Method

Hand applying

Area

Any area (not confined)

Exposure Time 1/2 to 2 hours daily

Assessment Contents



AVOID SKIN

CONTACT



RUBBER



IF SPLASH

LIKELY



CEMENT

WET





EATING OR DRINKING



WASH AFTER CONTACT



IF SOILED





Considerations



MAINTENANCE



MONITOR EXPOSURE LEVEL



SKIN CHECK

Ensure maintenance of engineering controls (Reg 9). Material contains silica, consider monitoring (Reg 10). Material contains cement, consider skin checks (Reg 11).

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/27 1694

Hazard 4444 / 11 82 MORRISON CONSTRUCTION MEDIUM HAZAKU Natural aggregate Keyword Material/Process **NATURAL AGGREGATES** Date 19/08/1999 WIMPEY HOBBS SOLID Supplier Contents Address Crushed rock Sand Silica CAUTION **Assessment Comments** 1/2 Risk Assessment Exp Limit 0.3mg/m3 8HrTWA MEL crystalline silica **Health Risks** Wear RPE as designated if dust generated. PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE Method Handling MAY CAUSE EYE IRRITATION Outside Area SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT . Exposure Time 1/2 to 2 hours daily Do not breathe dust When using do not eat, drink or smoke **Assessment Contents** Avoid contact with skin and eyes Spillage DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES NATURAL NO SMOKING DISPOSABLE EYE GOGGLES PROTECT HANDS COVER SKIN YENTILATION WEAR HEAVY DUTY GLOVES EATING OR EN149 FFP2 **HEAVY DUTY** IF CONTACT **AVOID SKIN** WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED DRINKING CONTACT LIKELY WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS DAMP DOWN VACUUM CLEAN DISPOSAL WASH BASIN CHANGING First Aid VACUUM UP THEN SWEEP WASH AFTER IF HEAVILY INHALATION - REMOVE TO FRESH AIR AND REST DUSTS CONTACT SOILED DUST OR AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls ensure maintenance (Reg 9). Material has MEL IF IRRITATION PERSISTS THEN CONSULT A DOCTOR assigned substance consider monitoring IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY (Reg 10). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER Fire NON-COMBUSTIBLE MATERIAL

MAINTENANCE

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

EXPOSURE LEVEL

82 / 1 Printed: 24/05/2002

Hazard 4444 / 11 82 MORRISON CONSTRUCTION MEDIUM HAZARD Natural aggregate **NATURAL AGGREGATES** Keyword Material/Process Date 19/08/1999 WIMPEY HOBBS Supplier SOLID Contents 1 Address Crushed rock Sand Silica CAUTION Assessment Comments 2/2 Exp Limit 0.3mg/m3 8HrTWA MEL crystalline silica Risk Assessment **Health Risks** Wear RPE as designated if dust generated. PROLONGED INHALATION MAY LEAD TO LONG TERM LUNG DAMAGE Handling Method MAY CAUSE EYE IRRITATION Outside Area SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 2 to 4 hours daily Do not breathe dust When using do not eat, drink or smoke? **Assessment Contents** Avoid contact with skin and eyes Spillage DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES NATURAL NO SMOKING DISPOSABLE PROTECT HANDS **EYE GOGGLES** COVER SKIN VENTILATION WEAR HEAVY DUTY GLOVES **EATING OR EN149 FFP2** HEAVY DUTY IF CONTACT WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED AVOID SKIN DRINKING LIKELY CONTACT WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS DAMP DOWN VACUUM CLEAN DISPOSAL CHANGING WASH BASIN First Aid VACUUM UP IF HEAVILY THEN SWEEP WASH AFTER INHALATION - REMOVE TO FRESH AIR AND REST **DUSTS** SOILED DUST OR AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls ensure máintenance (Reg 9). Material has MEL IF IRRITATION PERSISTS THEN CONSULT A DOCTOR assigned substance consider monitoring IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY (Reg 10). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER. Fire NON-COMBUSTIBLE MATERIAL MONITOR MAINTENANCE EXPOSURE LEVEL

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

/2 Prin

82

MORRISON CONSTRUCTION 4444 / 24 56988 Hazard Material/Frocess PVC COATED METAL SHEETING Keyword Sheeting LOWHAZARIDE Supplier **BRITISH STEEL** Date 18/01/2000 SOLID Address PO Box 10 Contents Gwent Metal sheeting coated with primer backing coat and a PVC topcoat. LOW HAZARD NP9 0XN 01633 290022 Health Risks Exp Limit 10mg/m3(lnh),4mg/m3(Resp) 8hTWA Dust OEL Risk Assessment 1/2 **Assessment Comments** DO NOT BREATHE FUME EVOLVED DURING HEATING Method Cutting. Cutting with nibbler MAY BE HARMFUL IF INGESTED IN QUANTITY Area Outside MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 4 to 8 hours daily Do not breathe dust When using do not eat, drink or smoke Assessment Contents Avoid contact with skin and eves Spillage **VENTILATE AREA** NATURAL COVER SKIN PROTECT HANDS **EYE GOGGLES** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES VENTILATION DISPOSABLE VENTILATION WEAR HEAVY DUTY GLOVES AVOID SKIN **HEAVY DUTY BS EN166** PORTABLE **EN149 FFP2** WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED CONTACT **GRADE B4** OR WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING WASH BASIN CHANGING DAMP DOWN **VACUUM CLEAN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR WASH AFTER** IF HEAVILY THEN SWEEP VACUUM U.P. AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT SOILED **DUST OR** DUSTS INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9.) SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data. 56988 / 1 Printed: 27/05/2002 Safety in the use of an assessment is the responsibility of the user.

MORRISON CONSTRUCTION 4444 / 24 56988 Hazard Material/crucess PVC COATED METAL SHEETING Kurrud Sheeting OWHAZARD Supplier **BRITISH STEEL** Date 18/01/2000 SOLID Address PO Box 10 Contents Gwent Metal sheeting coated with primer backing coat and a PVC topcoat. NP9 0XN LOW HAZARD 01633 290022 Health Risks Exp Limit 10mg/m3(Inh),4mg/m3(Resp) 8hTWA Dust OEL Risk Assessment 2/2 **Assessment Comments** DO NOT BREATHE FUME EVOLVED DURING HEATING Method Cutting with nibbler Cutting MAY BE HARMFUL IF INGESTED IN QUANTITY Area Inside Well Ventilated MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 4 to 8 hours daily Do not breathe dust When using do not eat, drink or smoke **Assessment Contents** Avoid contact with skin and eyes Spillage **VENTILATE AREA** GENERAL DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES PROTECT HANDS **EYE GOGGLES VENTILATION** DISPOSABLE VENTILATION WEAR HEAVY DUTY GLOVES **AVOID SKIN HEAVY DUTY BS EN166** LEV OR **EN149 FFP2** WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED CONTACT **GRADE B4** WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING WASH BASIN CHANGING DAMP DOWN VACUUM CLEAN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER IF HEAVILY THEN SWEEP VACUUM UP AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT SOILED . DUST OR DUSTS INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY If using engineering controls or non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9.) SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

56988 / 2

	MORRISON CONSTRUCTION	4444	/ 23	56989	Hazard			
Material/Process		Keywora Sheeting		E LOW HAZARD			, i	
	POLYESTER COATED METAL SHEETIN	1 _ :		(7.00 A 10.00				*
Address PO Bo	· · · · · · · · · · · · · · · · · · ·	Date 30/03/199	33	SOLID			•	
Gwent	· ·		with primer backing	coat and a Polyester top	coat		•	
				•				
NP9 0					LOW HAZ			·
Health Risks	Exp Limit 10mg/m3(lnh),5mg/m3(Resp) 8hrT	WA Dust	Risk Assessment			ent Comments		<u>-</u>
Do not breathe du	st HE FUME EVOLVED DURING HEATING		1	Cutting	Cutting w	ith nibbler .		
Avoid contact with	skin and eyes		Area (Dutside				
	ot eat, drink or smoke		Exposure Time 4	to 8 hours daily				
		•	Assessment Co	entents	L		<u></u>	
			Assessment Co	ments	Andreas Property Comp	[Personal Section 1		
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Spillage								
NOT APPLICABL	E .	•				NATURAL		VALUE SAIN
		•	PROTECT HAN	DS COVER SKIN	EYE GOGGLES	VENTILATION	WASH BASIM	NO SMOKING
-			WEAR GLOVES		BS EN166 GRADE B4	GOOD	WASH AFTER CONTACT	EATING OR DRINKING
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First Aid			DAMP DOWN	DISPOSAL				
	MOVE TO FRESH AIR AND REST		THEN SWEI					
	NTAMINATED AREA WITH PLENTY OF WATER		UP DUSTS					
	WITH WATER FOR AT LEAST 15 MINUTES ERSISTS THEN CONSULT A DOCTOR			· 	····			
IF IRRITATION PI	ERSISTS THEN CONSULT A DUCTOR		Considerations				•	
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Fire			1 .		•			
	RE PRODUCED WHEN SUBSTANCE IS INVOLVED IN	A FIRE						
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CARBON DIOXID FOAM	E (CO2)						•	
POWDER								
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		•		vas compiled by Sypol Limited fro of an assessment is the responsib		569	89 /1 Prin	ted: 27/05/2002
			 					

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	MORRISON CONSTRUCTION		4444	/ 23	56989	2 Hazard		
aterial/Process	POLYESTER COATED METAL SHEETIN	N Keyworu	Sheeting		LOW HAZARI			
	SH STEEL	Date	30/03/199	3	SOLID			1
ddress PO Bo		Contents	tina poptod u	vith primar backing a	coat and a Polyester top			
Gwent		. Wetar snee	ung coated v	with primer backing t	·	JCOat		6
NP9 0	XN 01633 290022					LOW HAZARD		i u
lealth Risks	Exp Limit 10mg/m3(Inh),5mg/m3(Resp) 8	BhrTWA Dust		Risk Assessment	2/2	Àssessment Comr	nents	1
Do not breathe du	ıst			Method C	utting	Cutting with nibbler		\$
	HE FUME EVOLVED DURING HEATING				side Well Ventilated			•
Avoid contact with	n skin and eyes of eat, drink or smoke		•					ਹੈ ਹ ਹ
When using do no	st eat, diffix of diffore			Exposure Time 4	to 8 hours daily			*
				Assessment Cor	ntents			
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NOT APPLICABL	E			PROTECT HAND	OS COVER SKIN	EYE GOGGLES VENTUA	RAL WASH BASIN	NO SMOKING
				WEAR	3372773	BS EN166 GOO	L	· ·
				GLOVES		GRADE B4	CONTAC	
•	,			est was allowed to the le	THE RESIDENCE AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSO			
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		•	٠.	00 0				
			•					4
rst Aid				DAMP DOWN	DISPOSAL			i 1
	EMOVE TO FRESH AIR AND REST INTAMINATED AREA WITH PLENTY OF WATER		•	THEN SWEE UP DUSTS	iP			
EYE - IRRIGATE	WITH WATER FOR AT LEAST 15 MINUTES					•		, , , , , , , , , , , , , , , , , , ,
IF IRRITATION PI	ERSISTS THEN CONSULT A DOCTOR			Considerations	,			
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re				1		•		ķ
	RE PRODUCED WHEN SUBSTANCE IS INVOLVE	D IN A FIRE		ļ. ·		•		
	NTAINED BREATHING APPARATUS	•		·				
CARBON DIOXID FOAM	E (GO2)	•						
POWDER		• • • •				•		
v .		•		•) 0	
		•		This assessment wa	as compiled by Sypol Limited for	om suppliers data	. , ,	
			· .		an assessment is the responsi		56989 /2 F	Printed: 27/05/2002
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	MORRISON CONSTRUCTION	4444	/ 12	52565	zard			
laterial/Process	TRADE RANGE UNDERCOAT	Keyword Paint (sol	vent)	MEDIUM HAZARD				
upplier CRO	WN BERGER LTD	Date 14/06/200	•	LIQUID				
	ian Works	Contents		Ligoto				
	vhistle	White spirit*, Xylene				A 48		
	numberland				FIRE HAZARD HAF	RMFUL		
	9 OHF 01434 320421		Total: Assessment	1/7	Assessment Comme	mto.		
lealth Risks	Exp Limit 500mg/m3 8hTWA OES rec*		Risk Assessment		Assessment Comme	nis		
FLAMMABLE HARMFUL BY I	NHALATION		Method H	and applying				
HARMFUL IF S			Area O	utside				
IRRITATING TO			Exposure Time 4	to 8 hours daily	1			
SKIN - IRRITAT	ION AND DERMATITIS MAY RESULT FROM PROLONG	ED CONTACT	Exposure Time 4	to c riodic daily				
Do not breathe	•		Assessment Co	ntents				
_	not eat, drink or smoke ith skin and eyes					20 CQ	✓ ado ado	
Spillage	T		X					
VENTILATE AF	IEA				NATURA			
ELIMINATE AL	L SOURCES OF IGNITION		COVER SKIN		GOGGLES	NO SMUKI		
	OR PVA GLOVES		AVOID SKII		SPLASH IKELY	EATING DRINKIN		
)GGLES (GRADE 3) IF SPLASH LIKELY ITH ORGANIC FILTER (A) IF IN POORLY VENTILATED A	DEΔ	CONTACT	PVA L	INELT	DKINKII	NG CONTACT	
	ONTAINER SPILT		O.		7)			
- '	CTIVE CLOTHING IF WHOLE CONTAINER IS SPILT		FLAMMABLE					
	AND OR INERT ABSORBENT MATERIAL				LAMMABLE ID HARMFUL			
	D A CONTAINER, CLOSE L?D N ACCORDANCE WITH LOCAL ENVIRONMENT AGENC	V DECILI ATIONS	7 5					
	N ACCORDANCE WITH LOCAL ENVIRONMENT AGENC	T REGULATIONS						
First Aid	DEMONS INVESTIGATELY EDOM A DEA AND CALL MEDIC	TAL ACCICTANCE	CHANGING		DISPOSAL			
	REMOVE IMMEDIATELY FROM AREA AND CALL MEDIO DO NOT INDUCE VOMITING	CAL ASSISTANCE	IF HEAVIL'	Y AFTER USE				
	SIVE PLENTY OF WATER IN SIPS		OÓILLE	•				
INGESTION -	GET IMMEDIATE MEDICAL ATTENTION		Considerations	· ·		Material contains	s harmful by inhalation	
	FE WITH WATER FOR AT LEAST 15 MINUTES			J		assigned substa	nce, consider monitoring	
	WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF I PERSISTS THEN CONSULT A DOCTOR	WATER				(Reg10).If using	engineering controls/ RPE, ensure maintenance	
	T ENGINE THE WOOLGE THE CONTRACT OF THE CONTRA					(Reg9)	VI E, CIBUIC Mantenant	
			1 Lan			ļ		
Fire			1961	A DE				
	ALL SCALE FIRE:			MONITOR				
)AM - CARBON DIOXIDE (CO2) EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW S	ITE PROCEDIJRE	MAINTENANCE	EXPOSURE LEVEL				
	CONTAINED BREATHING APPARATUS							
	S ARE PRODUCED WHEN SUBSTANCE IS INVOLVED I	A FIRE						
			This assessment	was compiled by Sypol Limited from sup	opliers data.			
				of an assessment is the responsibility o	•	52565 / 1	Printed: 27/05/2002	

	MORRISON CONSTRUCTION	4444	/ 12	52565	tard	# No A 1
Address Hadr Haltv Nortl	TRADE RANGE UNDERCOAT WN BERGER LTD rian Works whistle humberland 9 OHF 01434 320421	Keyword Paint (solv Date 14/06/200 Contents White spirit*, Xylene	*	MEDIUM HAZARD LIQUID		RMFUL
Health Risks	Exp Limit 500mg/m3 8hTWA OES rec*		Risk Assessment	2/7	Assessment Comme	ents
Do not breathe When using do	SWALLOWED O EYES TION AND DERMATITIS MAY RESULT FROM PROLONGE	ED CONTACT				
WEAR VITON WEAR EYE G WEAR RPE W OR WHOLE C WEAR PROTI ABSORB IN S COLLECT IN	REA LL SOURCES OF IGNITION OR PVA GLOVES OGGLES (GRADE 3) IF SPLASH LIKELY VITH ORGANIC FILTER (A) IF IN POORLY VENTILATED A CONTAINER SPILT ECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT SAND OR INERT ABSORBENT MATERIAL TO A CONTAINER, CLOSE LID IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCE		RESTRICT ACCESS RESTRICT ACCESS	TYVEK V	PYA BS EN1 GRADE	66 PORTABLE
First Aid INHALATION INGESTION - INGESTION - INGESTION - EYE - IRRIGA SKIN - WASH	- REMOVE IMMEDIATELY FROM AREA AND CALL MEDIC DO NOT INDUCE VOMITING GIVE PLENTY OF WATER IN SIPS GET IMMEDIATE MEDICAL ATTENTION ATE WITH WATER FOR AT LEAST 15 MINUTES WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF IN PERSISTS THEN CONSULT A DOCTOR	CAL ASSISTANCE	EN405 FFA2P2St Considerations	EATING OR W	ASH AFTER AFTER CONTACT	Material contains harmful by inhalation assigned substance, consider monitorii (Reg10). If using engineering controls/non-disposable RPE, ensure maintena
Fire ISOLATED S POWDER - F LARGE FIRE WEAR SELF	IMALL SCALE FIRE: FOAM - CARBON DIOXIDE (CO2) E: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW S FOONTAINED BREATHING APPARATUS ES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED I		MAINTENANCE	MONITOR EXPOSURE LEVEL		(Reg9)

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Printed: 27/05/2002

MORRISON CONSTRUCTION		4444	/ 12	52565	zard	-
Material/Process TRADE RANGE UNDERCOAT Supplier CROWN BERGER LTD Address Hadrian Works Haltwhistle Northumberland	Keyword Date Contents White spiri	Paint (solv 14/06/200 t*, Xylene		MEDIUM HAZARD LIQUID		RMFUL
NE49 0HF 01434 Health Risks Exp Limit 500mg/m3 8hTWA O		····	Risk Assessment	3/7	Assessment Comme	ents
FLAMMABLE HARMFUL BY INHALATION HARMFUL IF SWALLOWED IRRITATING TO EYES SKIN - IRRITATION AND DERMATITIS MAY RESULT FR Do not breathe in vapour When using do not eat, drink or smoke Avoid contact with skin and eyes				· · · · · · · · · · · · · · · · · · ·	Mixing with solvent ba	ased thinners
Spillage VENTILATE AREA ELIMINATE ALL SOURCES OF IGNITION WEAR VITON OR PVA GLOVES WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY WEAR RPE WITH ORGANIC FILTER (A) IF IN POORLY OR WHOLE CONTAINER SPILT WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINE ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRON	R IS SPILT	ons.	COVER SKIN AVOID SKII CONTACT	VITON OR IF	YE GOGGLES GENERA VENTILATION OR LIKELY	
First Aid INHALATION - REMOVE IMMEDIATELY FROM AREA AN INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS INGESTION - GET IMMEDIATE MEDICAL ATTENTION EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINI SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH IRRITATION PERSISTS THEN CONSULT A DOCTOR	ND CALL MEDICAL ASSISTAN JTES I'H PLENTY OF WATER		NO SMOKING EATING O DRINKING Considerations	R WASH AFTER IF	CHANGING CLOSET FHEAVILY AFTER L SOILED	!
Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE		URE	MAINTENANCE	MONITOR EXPOSURE LEVEL		

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/ 12 zard 4444 52565 MORRISON CONSTRUCTION **MEDIUM HAZARD** Keyword Paint (solvent) TRADE RANGE UNDERCOAT Material/Process Date **CROWN BERGER LTD** 14/06/2000 Supplier LIQUID Contents Address Hadrian Works White spirit*, Xylene Haltwhistle Northumberland HARMFUL FIRE HAZARD 01434 320421 NE49 0HF **Assessment Comments** 4/7 Exp Limit 500mg/m3 8hTWA OES rec* Risk Assessment **Health Risks** Hand applying Method FLAMMABLE HARMFUL BY INHALATION Inside Well Ventilated Area HARMFUL IF SWALLOWED **IRRITATING TO EYES** Exposure Time 4 to 8 hours daily SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT **Assessment Contents** Do not breathe in vapour When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage GENERAL VENTILATE AREA NO SMOKING WASH BASIN PROTECT HANDS EYE GOGGLES COVER SKIN VENTILATION **ELIMINATE ALL SOURCES OF IGNITION** WASH AFTER IF SPLASH **EATING OR** AVOID SKIN VITON OR WEAR VITON OR PVA GLOVES DRINKING CONTACT LIKELY **PVA** CONTACT WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY WEAR RPE WITH ORGANIC FILTER (A) IF IN POORLY VENTILATED AREA OR WHOLE CONTAINER SPILT WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT FLAMMABLE ANDHARMFUL ABSORB IN SAND OR INERT ABSORBENT MATERIAL **COLLECT INTO A CONTAINER, CLOSE LID** DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS CHANGING DISPOSAL CLOSETIN First Aid INHALATION - REMOVE IMMEDIATELY FROM AREA AND CALL MEDICAL ASSISTANCE IF HEAVILY AFTER USE SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS INGESTION - GET IMMEDIATE MEDICAL ATTENTION Considerations Material contains harmful by inhalation EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES assigned substance, consider monitoring (Reg10). If using engineering controls/ SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER non-disposable RPE, ensure maintenance IF IRRITATION PERSISTS THEN CONSULT A DOCTOR (Reg9) Fire ISOLATED SMALL SCALE FIRE: MONITOR POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE **EXPOSURE LEVEL** LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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MORRISON CONSTRUCTION 4444 / 12 52565 , dazard Material/Process TRADE RANGE UNDERCOAT Keyword Paint (solvent) **MEDIUM HAZARD** Supplier **CROWN BERGER LTD** Date 14/06/2000 LIQUID Address Hadrian Works Contents Haltwhistle White spirit*, Xylene Northumberland NE49 0HF 01434 320421 FIRE HAZARD HARMFUL Health Risks Exp Limit 500mg/m3 8hTWA OES rec* Risk Assessment 5/7 **Assessment Comments** FLAMMABLE Method Hand applying Interim/ temporary assessment pending monitoring and/or HARMFUL BY INHALATION implementation Area HARMFUL IF SWALLOWED inside Poorly Ventilated of engineering controls **IRRITATING TO EYES** Exposure Time 4 to 8 hours daily SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage **VENTILATE AREA** FORCED **ELIMINATE ALL SOURCES OF IGNITION** PROTECT HANDS **OVERALLS EYE GOGGLES** DISPOSABLE NO SMOKING **VENTILATION** WEAR VITON OR PVA GLOVES VITON OR IF SPLASH AND EN405 FFA2 **EATING OR** WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY PVA LIKELY DRINKING WEAR RPE WITH ORGANIC FILTER (A) IF IN POORLY VENTILATED AREA OR WHOLE CONTAINER SPILT WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL FLAMMABLE AND HARMFUL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING **CLOSETIN** DISPOSAL INHALATION - REMOVE IMMEDIATELY FROM AREA AND CALL MEDICAL ASSISTANCE WASH AFTER IF HEAVILY AFTER USE INGESTION - DO NOT INDUCE VOMITING CONTACT SOILED INGESTION - GIVE PLENTY OF WATER IN SIPS INGESTION - GET IMMEDIATE MEDICAL ATTENTION Considerations EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES Material contains harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER assigned substance, consider monitoring IF IRRITATION PERSISTS THEN CONSULT A DOCTOR (Reg10). If using engineering controls/ non-disposable RPE, ensure maintenance (Reg9) Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE EXPOSURE LEVEL

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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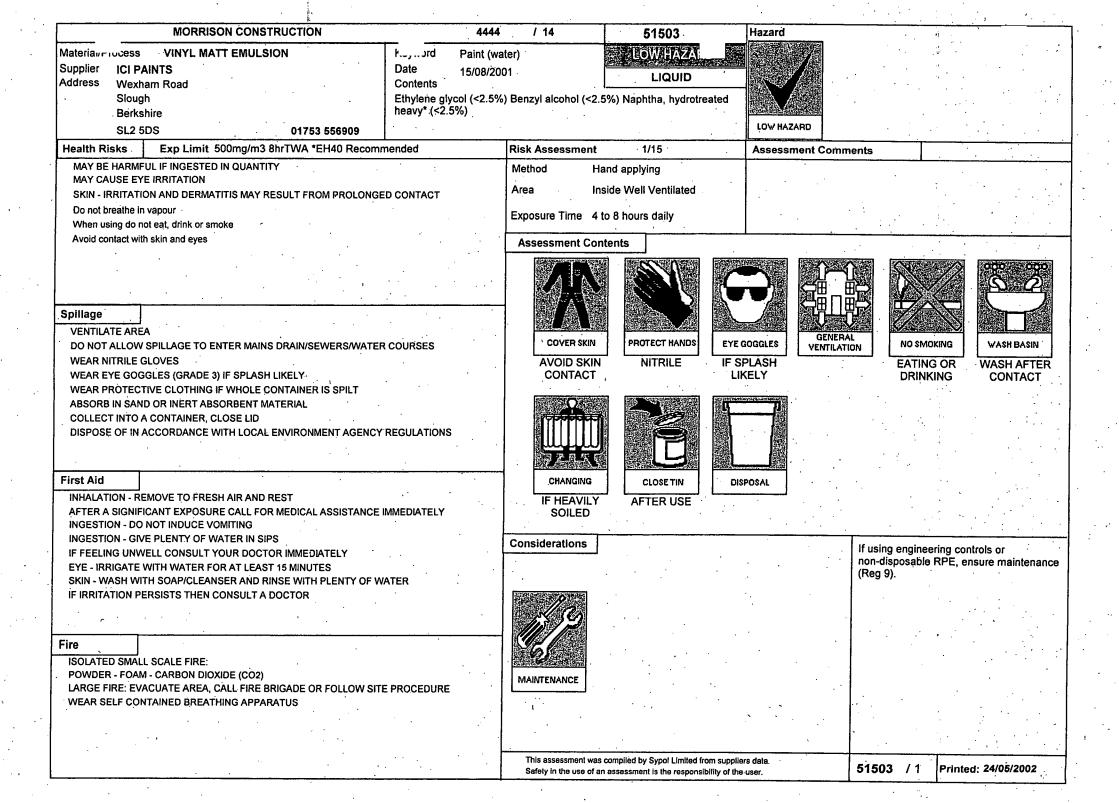
	MORRISON CONSTRUCTION		4444	/ 12	52565	zard			
Material/Process	TRADE RANGE UNDERCOAT	Keyword	Paint (solv	vent)	MEDIUM HAZA	RD A			
	WN BERGER LTD	Date	14/06/200	0	LIQUID			\mathcal{A}	
	an Works	Contents			LIGOID				
	/histle	White spirit	*, Xylene						
	numberland					FIRE HAZAR	D HARMFUL		
	00HF 01434 320421	<u> </u>		I				<u> </u>	····
Health Risks	Exp Limit 500mg/m3 8hTWA OES rec*			Risk Assessment	6/7	Assessme	nt Comments		
FLAMMABLE HARMFUL BY I	NHALATION			Method S	praying				
HARMFUL IF S				Area Ir	side Well Ventilated				
IRRITATING TO					4 - 6 b				
SKIN - IRRITAT	ION AND DERMATITIS MAY RESULT FROM PROLONGE	ED CONTACT		Exposure Time 4	to 8 nours daily				
Do not breathe	•			Assessment Co	ntents				
_	not eat, drink or smoke								- A
Avoid contact w	ith skin and eyes							12-11	
				ALLE.					
Spillage				1 [<u>1</u>] [I KU II		\$ 17
VENTILATE AR	J FA							ु ए ए	2/1/2
	SOURCES OF IGNITION			RESTRICT ACCESS	OVERALLS	PROTECT HANDS	FACE VISOR	GENERAL VENTILATION	VENTILATION
WEAR VITON	DR PVA GLOVES			RESTRICT	TYVEK	VITON OR	BS EN166	72181127111018	LEV OR
WEAR EYE GO	GGLES (GRADE 3) IF SPLASH LIKELY			ACCESS		PVA	GRADE 3		
1	TH ORGANIC FILTER (A) IF IN POORLY VENTILATED A	REA							
i	ONTAINER SPILT					900			
i	CTIVE CLOTHING IF WHO LE CONTAINER IS SPILT ND OR INERT ABSORBENT MATERIAL								FLAMMABLE AND HARMFUL
	A CONTAINER, CLOSE LID			Y Y					нивинимгог
DISPOSE OF I	ACCORDANCE WITH LOCAL ENVIRONMENT AGENC	Y REGULATION	IS				Fred		\
First Ald		,		DISPOSABLE	NO SMOKING	WASH BASIN	CHANGING	CLOSETIN	DISPOSAL
INHALATION -	L REMOVE IMMEDIATELY FROM AREA AND CALL MEDIC	AL ASSISTANC	Œ	EN405	EATING OR	WASH AFTER	AFTER USE	AFTER USE	
INGESTION - D	O NOT INDUCE VOMITING			FFA2P2SL		CONTACT	AFTER USE	AFTER USE	
1	IVE PLENTY OF WATER IN SIPS								
	ET IMMEDIATE MEDICAL ATTENTION E WITH WATER FOR AT LEAST 15 MINUTES			Considerations			Mat	terial contains harm	ıful by inhalation
	VITH WATER FOR AT LEAST 15 WIND TES WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF V	NATER			•		ass	igned substance, c	onsider monitoring
	PERSISTS THEN CONSULT A DOCTOR						(Re	g10).If using enging	eering controls/ ensure maintenance
				8			(Re	:g9)	stisule illalitteriario
				1 de					
Fire				1561	10B/				
l .	ALL SCALE FIRE:			- 65	MONITOD				
1	AM - CARBON DIOXIDE (CO2) EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SI	TE PROCEDUE	RF.	MAINTENANCE	MONITOR EXPOSURE LEVEL				
1	ONTAINED BREATHING APPARATUS		-						
TOXIC FUMES	ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN	A FIRE				•			
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	MORRISON CONSTRUCTION	444	4 / 12	52565	zard	
Address Hadria Haltwi	umberland	Keyword Paint (s Date 14/06/2 Contents White spirit*, Xylene	*	MEDIUM HAZARD LIQUID	FIRE HAZARD HAF	RMFUL
Health Risks	Exp Limit 500mg/m3 8hTWA OES rec*		Risk Assessment	7/7	Assessment Comme	ents
Do not breathe in When using do n Avoid contact wil	VALLOWED EYES ON AND DERMATITIS MAY RESULT FROM PROLONG I vapour lot eat, drink or smoke	ED CONTACT				
WEAR VITON O WEAR EYE GO! WEAR RPE WIT OR WHOLE CO WEAR PROTEC ABSORB IN SAI COLLECT INTO DISPOSE OF IN First Aid INHALATION - F	SOURCES OF IGNITION R PVA GLOVES GGLES (GRADE 3) IF SPLASH LIKELY TH ORGANIC FILTER (A) IF IN POORLY VENTILATED A NTAINER SPILT STIVE CLOTHING IF WHOLE CONTAINER IS SPILT ND OR INERT ABSORBENT MATERIAL A CONTAINER, CLOSE LID I ACCORDANCE WITH LOCAL ENVIRONMENT AGENCE REMOVE IMMEDIATELY FROM AREA AND CALL MEDIC	Y REGULATIONS	RESTRICT ACCESS RESTRICT ACCESS CHANGING AFTER US	TYVEK VIT	FRESH AI FEED FON OR EN 138/9 PVA SAMMABLE D HARMFUL	NO SMOKING WASH BASIN
INGESTION - G INGESTION - G EYE - IRRIGATI SKIN - WASH V IF IRRITATION Fire ISOLATED SM POWDER - FOLLARGE FIRE: E	O NOT INDUCE VOMITING IVE PLENTY OF WATER IN SIPS ET IMMEDIATE MEDICAL ATTENTION E WITH WATER FOR AT LEAST 15 MINUTES VITH SOAP/CLEANSER AND RINSE WITH PLENTY OF PERSISTS THEN CONSULT A DOCTOR ALL SCALE FIRE: AM - CARBON DIOXIDE (CO2) EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW S ONTAINED BREATHING APPARATUS		Considerations	MONITOR EXPOSURE LEVEL		Material contains harmful by inhalation assigned substance, consider monitorin (Reg10).If using engineering controls/ non-disposable RPE, ensure maintenar (Reg9)
	ARE PRODUCED WHEN SUBSTANCE IS INVOLVED II	N A FIRE		vas compiled by Sypol Limited from sup of an assessment is the responsibility of	•	52565 / 7 Printed: 27/05/2002

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4444 / 14 Hazard MORRISON CONSTRUCTION 51503 LOW HAZARL Κ Material ...ess VINYL MATT EMULSION Paint (water) Date Supplier **ICI PAINTS** 15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 2/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Interim or temporary assessment pending monitoring and/or Method Hand applying installation MAY CAUSE EYE IRRITATION Area Inside Poorly Ventilated of engineering controls. SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** FORCED COVER SKIN PROTECT HANDS **EYE GOGGLES** DISPOSABLE NO SMOKING DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES VENTILATION IF SPLASH **AVOID SKIN NITRILE** OR WEAR NITRILE GLOVES EN405 FFA2 EATING OR CONTACT LIKELY DRINKING WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS CHANGING First Aid WASH BASIN CLOSETIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST WASH AFTER IF HEAVILY **AFTER USE** AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED **INGESTION - DO NOT INDUCE VOMITING** INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. 51503 / 2 Printed: 24/05/2002 Safety in the use of an assessment is the responsibility of the user.

Hazard 4444 / 14 51503 MORRISON CONSTRUCTION Ke,,,,id Paint (water) Material/Process VINYL MATT EMULSION Date Supplier **ICI PAINTS** 15/08/2001 LIQUID Contents Address Wexham Road Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated Slough heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 **Assessment Comments** 3/15 Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment Health Risks MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area Inside Well Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 2 to 4 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage VENTILATE AREA **GENERAL** NO SMOKING COVER SKIN PROTECT HANDS **EYE GOGGLES** WASH BASIN **VENTILATION** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES IF SPLASH WASH AFTER NITRILE **EATING OR AVOID SKIN** WEAR NITRILE GLOVES LIKELY DRINKING CONTACT CONTACT WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS CHANGING **CLOSE TIN** DISPOSAL First Aid INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE IF HEAVILY AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES, (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS

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MORRISON CONSTRUCTION	4444	/ 14	51503	Ha	zard .			
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1.	-	•						٠
Supplier ICI PAINTS Date Address Wexham Road Conten	15/08/200 its	1	LIQUID					
		Benzyl alcohol (<2.	5%) Naphtha, hydrotre	ated		-		
Berkshire heavy*	(<2.5%)					,	• '	
SL2 5DS 01753 556909				L	OW HAZARD .	•		
Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended		Risk Assessment	4/15	As	ssessment Cor	nments		
MAY BE HARMFUL IF INGESTED IN QUANTITY		Method H	and applying					
MAY CAUSE EYE IRRITATION		Area Ir	side Well Ventilated					•
SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTAIN	СТ				•		•	
Do not breathe in vapour		Exposure Time 1	2 to 2 hours daily	.			• •	
When using do not eat, drink or smoke			-11-					
Avoid contact with skin and eyes	ļ	Assessment Co	iterits					
								999
		MAIN						2
Spillage								
VENTILATE AREA					GEN	ERAL		
DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSE	s	COVER SKIN	PROTECT HANDS	EYE GOGO	761771	.ATION	SMOKING	WASH B
WEAR NITRILE GLOVES		AVOID SKIN	NITRILE	IF SPLA			TING OR	WASH A
WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY		CONTACT		LIKEL	.Y	וט	RINKING	CONT
WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT				Company of the last of the las	electrical in the second		•	
ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID	.]	777777						:
DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULAT	TIONS ·					•	•	•
						:		
First Aid		CHANGING	CLOSETIN	DISPOS	AL		•	.*
INHALATION - REMOVE TO FRESH AIR AND REST		IF HEAVILY	AFTER USE					• • • • • •
AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIAT	ELY	SOILED			· .	•		
INGESTION - DO NOT INDUCE VOMITING			<u> </u>				<u> </u>	
INGESTION - GIVE PLENTY OF WATER IN SIPS	ļ	Considerations				If using en	gineering co	ontrols or
IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES	· .						able RPE,	ensure main
SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER	.		•			(Reg 9).		
IF IRRITATION PERSISTS THEN CONSULT A DOCTOR	.	P						• • •
	,	1/10/	•		•			
· ·					•	. ,		
Fire	,			,				
ISOLATED SMALL SCALE FIRE:	·				٠			
POWDER - FOAM - CARBON DIOXIDE (CO2)	<u></u>	MAINTENANCE						• .
LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCE	DURE	L					•• . •	٠
WEAR SELF CONTAINED BREATHING APPARATUS				,.	:			
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			s compiled by Sypol Limited f			51503	4 Prin	ted: 24/05/2
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4444 / 14 Hazard 51503 MORRISON CONSTRUCTION LOW HAZARD: Kermuid VINYL MATT EMULSION Paint (water) Material/Process Date Supplier **ICI PAINTS** 15/08/2001 LIQUID Address Contents Wexham Road Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated Slough heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 5/15 Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment **Assessment Comments Health Risks** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area Inside Well Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time Up to 1/2 hour daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** PROTECT HANDS **EYE GOGGLES** NO SMOKING WASH BASIN CHANGING COVER SKIN DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **AVOID SKIN NITRILE** IF SPLASH **EATING OR** WASH AFTER IF HEAVILY WEAR NITRILE GLOVES LIKELY DRINKING CONTACT **SOILED** CONTACT WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance **EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES** (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. Printed: 24/05/2002 51503 / 5 Safety in the use of an assessment is the responsibility of the user

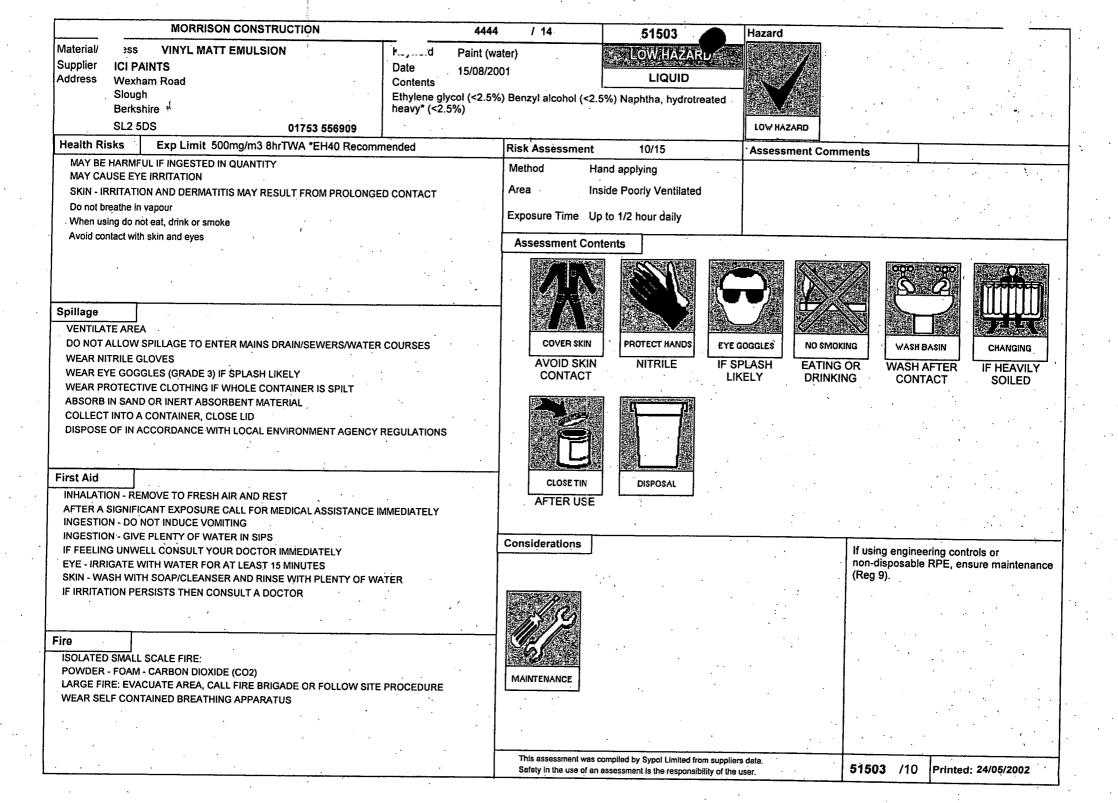
MORRISON CONSTRUCTION 4444 Hazard / 14 51503 OW HAZARL **VINYL MATT EMULSION** Paint (water) Material/ Supplier Date **ICI PAINTS** 15/08/2001 LIQUID Address Contents -Wexham Road Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated Slough heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 6/15 Health Risks **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Outside Area SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage VENTILATE AREA NATURAL COVER SKIN PROTECT HANDS EYE GOGGLES NO SMOKING WASH BASIN DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **VENTILATION** WEAR NITRILE GLOVES **AVOID SKIN NITRILE** IF SPLASH **EATING OR** WASH AFTER CONTACT LIKELY WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY DRINKING CONTACT WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid CHANGING CLOSETIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. 51503 / 6 Printed: 24/05/2002 Safety in the use of an assessment is the responsibility of the user.

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MORRISON CONSTRUCTION	4444	/ 14	51503	Hazard	
Material/Iss VINYL MATT EMULSION Supplier ICI PAINTS	Kc,d Paint (wa	•	LOW HAZARL		
Address Wexham Road Slough Berkshire	Contents	t	LIQUID 6%) Naphtha, hydrotreate	ed 5	
SL2 5DS 01753 556909		· · · · · · · · · · · · · · · · · · ·			
Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recomm	nended	Risk Assessment	7/15	Assessment Comm	ents
MAY BE HARMFUL IF INGESTED IN QUANTITY MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGE	D CONTACT		ind applying itside		
Do not breathe in vapour When using do not eat, drink or smoke		Exposure Time 2 t	o 4 hours daily		
Avoid contact with skin and eyes		Assessment Con	tents		
Spillage					
VENTILATE AREA DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER	COURSES	COVER SKIN	PROTECT HANDS	EYE GOGGLES NATUR VENTILATI	ON MOSIVIORING WASH BASIN
WEAR NITRILE GLOVES WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY	, ·	AVOID SKIN CONTACT	NITRILE	IF SPLASH LIKELY	EATING OR WASH AFTER DRINKING CONTACT
WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY	REGULATIONS				
First Aid INHALATION - REMOVE TO FRESH AIR AND REST AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE I	MMEDIATELY	IF HEAVILY SOILED	AFTER USE	DISPOSAL	
INGESTION - DO NOT INDUCE VOMITING	• •				
INGESTION - GIVE PLENTY OF WATER IN SIPS IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES	ATER	Considerations			If using engineering controls or non-disposable RPE, ensure maintenance (Reg 9).
SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WITH IF IRRITATION PERSISTS THEN CONSULT A DOCTOR	ATER				
Fire ISOLATED SMALL SCALE FIRE:			· ·		
POWDER - FOAM - CARBON DIOXIDE (CO2) LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE	E PROCEDURE .	MAINTENANCE			N .
WEAR SELF CONTAINED BREATHING APPARATUS					
			compiled by Sypol Limited from a ssessment is the responsibili		51503 / 7 Printed: 24/05/2002

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MORRISON CONSTRUCTION 4444 / 14 51503 Hazard LÓW HAZARU K.,...d Paint (water) Material/..._sss VINYL MATT EMULSION Supplier **ICI.PAINTS** Date 15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SI 2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 8/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area Outside SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 1/2 to 2 hours daily When using do not eat, drink or smoke Avoid contact with skin and eves **Assessment Contents** Spillage **VENTILATE AREA** NATURAL COVER SKIN PROTECT HANDS EYE GOGGLES NO SMOKING WASH BASIN DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **VENTILATION** WEAR NITRILE GLOVES IF SPLASH **AVOID SKIN** NITRILE **EATING OR** WASH AFTER CONTACT LIKELY WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY. DRINKING CONTACT WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid CHANGING CLOSE TIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. 51503 /8 Printed: 24/05/2002 Safety in the use of an assessment is the responsibility of the user.

MORRISON CONSTRUCTION 4444 / 14 51503 Hazard LOW HAZARD Material/. ...ess VINYL MATT EMULSION Keyword Paint (water) Supplier ICI PAINTS Date 15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 9/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area Outside SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time Up to 1/2 hour daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** COVER SKIN PROTECT HANDS DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **EYE GOGGLES** NO SMOKING WASH BASIN CHÁNGING WEAR NITRILE GLOVES **AVOID SKIN** NITRILE IF SPLASH **EATING OR** WASH AFTER IF HEAVILY WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LIKELY DRINKING CONTACT SOILED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. 51503 / 9 Printed: 24/05/2002 Safety in the use of an assessment is the responsibility of the user.



MORRISON CONSTRUCTION 4444 / 14 Hazard 51503 Material/ **VINYL MATT EMULSION** LOW HAZARL Paint (water) Supplier **ICI PAINTS** Date 15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire SL2 5DS LOW HAZARD 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 11/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Interim or temporary assessment pending monitoring and/or Method Hand applying MAY CAUSE EYE IRRITATION installation Area Inside Poorly Ventilated of engineering controls. SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 1/2 to 2 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** FORCED DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES COVER SKIN PROTECT HANDS **EYE GOGGLES** NO SMOKING DISPOSABLE VENTILATION **WEAR NITRILE GLOVES AVOID SKIN** NITRILE IF SPLASH OR EN405 FFA1 **EATING OR** WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LIKELY DRINKING WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING CLOSETIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **WASH AFTER** IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. 51503 /11 Printed: 24/05/2002

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MORRISON CONSTRUCTION 4444 / 14 Hazard 51503 LOW HAZAR Material/ __:SS VINYL MATT EMULSION K _ Paint (water) Supplier ICI PAINTS Date 15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 12/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Interim or temporary assessment pending monitoring and/or Hand applying MAY CAUSE EYE IRRITATION installation Area Inside Poorly Ventilated of engineering controls. SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 2 to 4 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** FORCED COVER SKIN PROTECT HANDS **EYE GOGGLES** DISPOSABLE NO SMOKING DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **VENTILATION** WEAR NITRILE GLOVES **AVOID SKIN** NITRILE IF SPLASH OR EN405 FFA1 **EATING OR** CONTACT WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY LIKELY DRINKING WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING CLOSETIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST WASH AFTER IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations if using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS

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MORRISON CONSTRUCTION 4444 / 14 51503 Hazard LOW HAZARU Material/Luuss **VINYL MATT EMULSION** Kurmuid Paint (water) Supplier ICI PAINTS Date 15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 13/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Refer to Confined Spaces Regulations 1997 for any further Method Hand applying MAY CAUSE EYE IRRITATION precautions Area Inside Poorly Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time Up to 1/2 hour daily When using do not eat, drink or smoke Avoid contact with skin and eves **Assessment Contents** Spillage VENTILATE AREA MONITOR FORCED PROTECT HANDS DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES COVER SKIN **EYE GOGGLES** NO SMOKING **EXPOSURE LEVEL** VENTILATION **WEAR NITRILE GLOVES OXYGEN** NITRILE AVOID SKIN IF SPLASH **EATING OR** WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY **LEVELS** CONTACT LIKELY DRINKING WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING CLOSETIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST -WASH AFTER IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance **EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES** (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data. **51503** 713 Printed: 24/05/2002 Safety in the use of an assessment is the responsibility of the user.

4444 / 14 **MORRISON CONSTRUCTION** 51503 Hazard. LOW HAZARD Material/Process VINYL MATT EMULSION Keyword Paint (water) Supplier Date ICI PAINTS -15/08/2001 LIQUID Address Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 14/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Refer to Confined Spaces Regulations 1997 for any further Method Hand applying MAY CAUSE EYE IRRITATION precautions Area Inside Poorly Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 1/2 to 2 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** FORCED MONITOR COVER SKIN PROTECT HANDS DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **EYE GOGGLES** NO SMOKING EXPOSURE LEYEL **VENTILATION WEAR NITRILE GLOVES OXYGEN AVOID SKIN NITRILE IF SPLASH** EATING OR WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY LEVELS CONTACT LIKELY DRINKING WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING **CLOSETIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST WASH AFTER IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance **EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES** (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS This assessment was compiled by Sypol Limited from suppliers data.

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51503 /14

MORRISON CONSTRUCTION 4444 / 14 Hazard 51503 LOW HAZARU Material/Process **VINYL MATT EMULSION** Paint (water) Supplier **ICI PAINTS** Date 15/08/2001 LIQUID Address -Wexham Road Contents Slough Ethylene glycol (<2.5%) Benzyl alcohol (<2.5%) Naphtha, hydrotreated heavy* (<2.5%) Berkshire LOW HAZARD SL2 5DS 01753 556909 Health Risks Exp Limit 500mg/m3 8hrTWA *EH40 Recommended Risk Assessment 15/15 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Refer to Confined Spaces Regulations 1997 for any further Method Hand applying MAY CAUSE EYE IRRITATION precautions Inside Poorly Ventilated Area: SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 2 to 4 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** FORCED PROTECT HANDS **EYE GOGGLES** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES EXPOSURE LEVEL VENTILATION WEAR NITRILE GLOVES **OXYGEN AVOID SKIN NITRILE** IF SPLASH **LEVELS** WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LIKELY WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING CLOSETIN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **WASH AFTER** AFTER USE IF HEAVILY AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls or IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY non-disposable RPE, ensure maintenance **EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES** (Reg 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire -ISOLATED SMALL SCALE FIRE: POWDER - FOAM - CARBON DIOXIDE (CO2) MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS

> This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user,

51503 /15

Printed: 24/05/2002

NO SMOKING

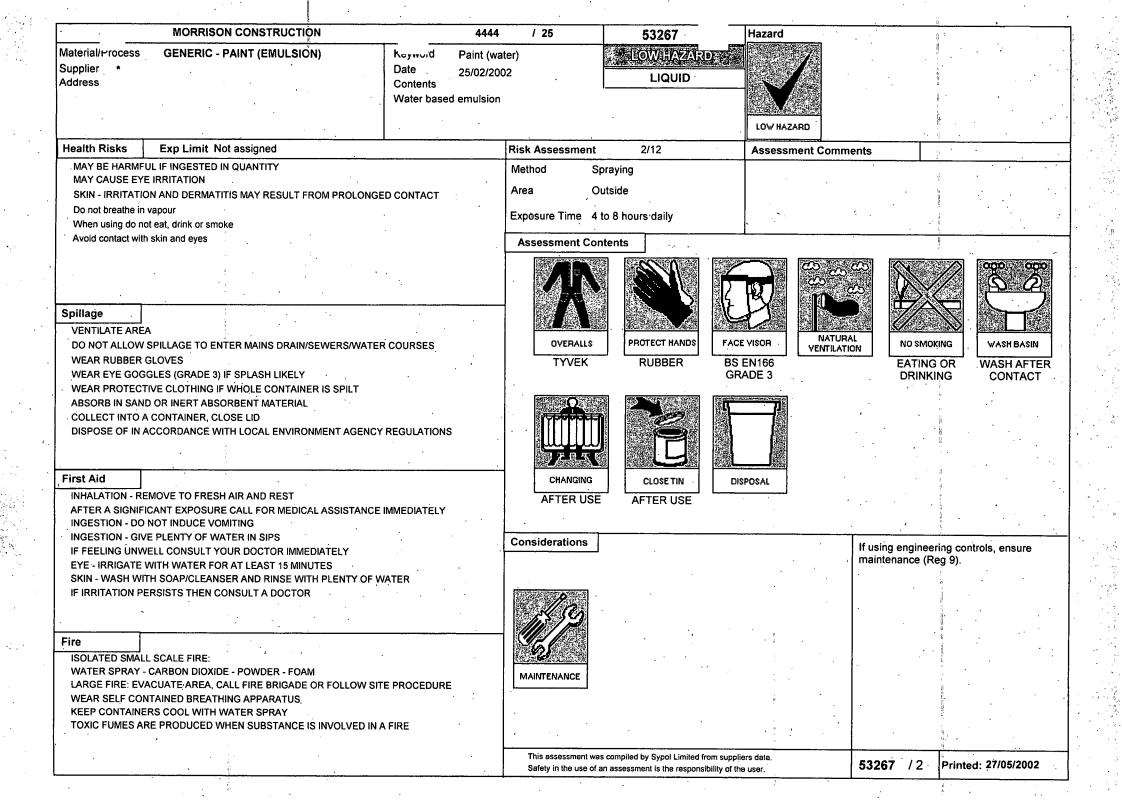
EATING OR

DRINKING

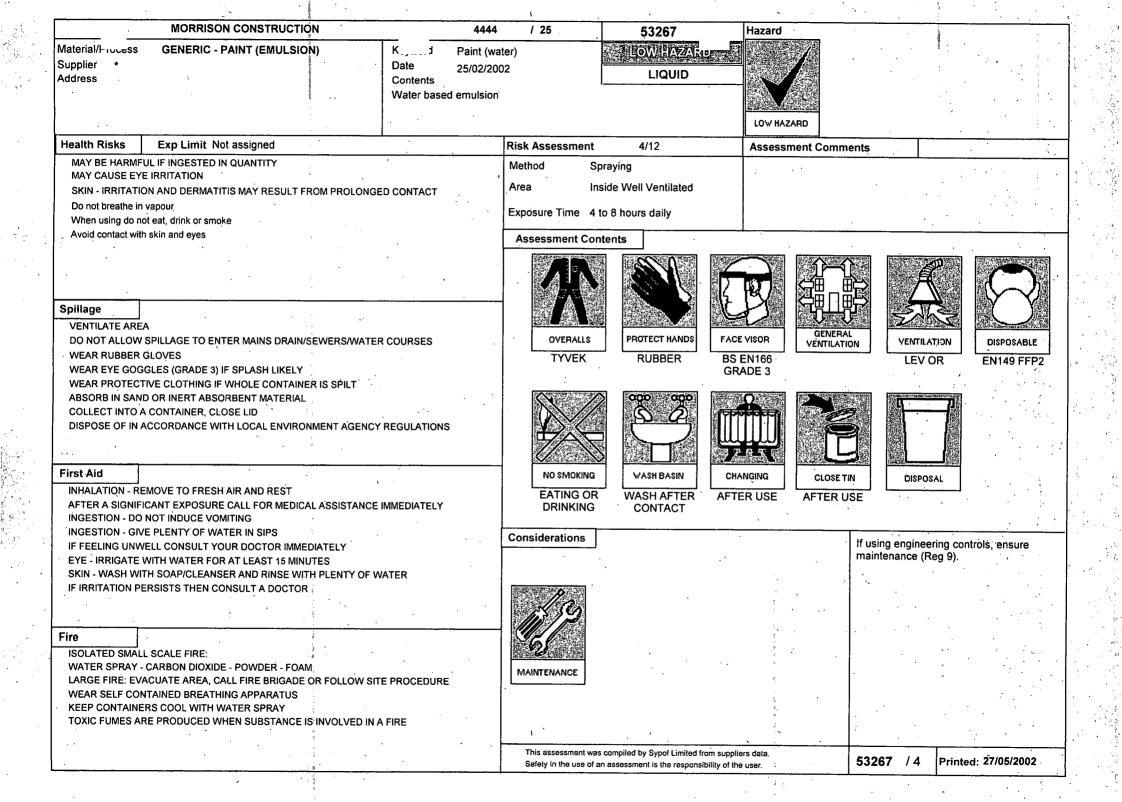
MORRISON CONSTRUCTION 4444 / 25 53267 Hazard Material/ rocess GENERIC - PAINT (EMULSION) LOWHAZARD Ko,d Paint (water) Supplier * Date 25/02/2002 LIQUID Address Contents Water based emulsion Health Risks **Exp Limit Not assigned** Risk Assessment 1/12 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Outside Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES PROTECT HANDS **EYE GOGGLES** NO SMOKING WASH BASIN CHÁNGING WEAR RUBBER GLOVES AVOID SKIN RUBBER IF SPLASH **EATING OR** WASH AFTER IF HEAVILY WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT . LIKELY DRINKING CONTACT SOILED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY If using engineering controls, ensure maintenance (Reg 9). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS KEEP CONTAINERS COOL WITH WATER SPRAY TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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53267 / 1



MORRISON CONSTRUCTION 4444 / 25 53267 Hazard Material/Frocess GENERIC - PAINT (EMULSION) Keywoid Paint (water) Y LOW HAZARD Supplier * Date 25/02/2002 LIQUID Address Contents Water based emulsion **Health Risks** Exp Limit Not assigned Risk Assessment 3/12 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Inside Well Ventilated Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES COVER SKIN PROTECT HANDS **EYE GOGGLES** NO SMOKING **WASH BASIN** CHANGING WEAR RUBBER GLOVES **AVOID SKIN** RUBBER IF SPLASH **EATING OR** WASH AFTER IF HEAVILY WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LIKELY DRINKING CONTACT SOILED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY If using engineering controls, ensure EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES maintenance (Rec 9). SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS KEEP CONTAINERS COOL WITH WATER SPRAY TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data. **53267** / 3 Frinted: 27/05/2002 Safety in the use of an assessment is the responsibility of the user.



MORRISON CONSTRUCTION 4444 / 25 53267 Hazard Material/Process GENERIC - PAINT (EMULSION) LOW AZARD Keyword Paint (water) Supplier * Date 25/02/2002 LIQUID Address Contents Water based emulsion LOW HAZARD **Health Risks** Exp Limit Not assigned Risk Assessment 5/12 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area Inside Poorly Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage VENTILATE AREA DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES COVER SKIN PROTECT HANDS **EYE GOGGLES** NO SMOKING WASH BASIN CHANGING WEAR RUBBER GLOVES **AVOID SKIN** RUBBER IF SPLASH EATING OR WASH AFTER IF SOILED WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LIKELY DRINKING CONTACT WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls, ensure IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY maintenance (Reg 9). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS KEEP CONTAINERS COOL WITH WATER SPRAY TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data. **53267** / 5 Printed: 27/05/2002 Safety in the use of an assessment is the responsibility of the user.

MORRISON CONSTRUCTION 4444 / 25 53267 Hazard Material/Process LOWHAZARD **GENERIC - PAINT (EMULSION)** Keyword Paint (water) Supplier * Date 25/02/2002 LIQUID Address Contents Water based emulsion LOW HAZARD Health Risks Exp Limit Not assigned 6/12 Risk Assessment **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Spraying MAY CAUSE EYE IRRITATION Area Inside Poorly Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage VÉNTILATE AREA FORCED DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES PROTECT HANDS FACE VISOR OVERALLS **VENTILATION** DISPOSABLE **VENTILATION** WEAR RUBBER GLOVES **TYVEK** RUBBER **BS EN166** AND LEV OR **EN149 FFP2** WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY **GRADE 3** WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING WASH BASIN CHANGING **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER AFTER USE AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls, ensure IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY maintenance (Reg 9). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS KEEP CONTAINERS COOL WITH WATER SPRAY TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data. **53267** / 6 Printed: 27/05/2002 Safety in the use of an assessment is the responsibility of the user.

MORRISON CONSTRUCTION 4444 / 25 53267 Hazard Material/Process **GENERIC - PAINT (EMULSION)** LOW HAZARD Keyword Paint (water) Supplier Date 25/02/2002 LIQUID Address Contents Water based emulsion **Health Risks** Exp Limit Not assigned Risk Assessment 7/12 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Hand applying MAY CAUSE EYE IRRITATION Area · Inside Well Ventilated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time Up to 1/2 hour daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage **VENTILATE AREA** COVER SKIN PROTECT HANDS DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **EYE GOGGLES** NO SMOKING WASH BASIN CHANGING WEAR RUBBER GLOVES **AVOID SKIN** RUBBER IF SPLASH **EATING OR** WASH AFTER IF HEAVILY WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LIKELY DRINKING CONTACT SOILED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls, ensure IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY maintenance (Reg 9). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire ISOLATED SMALL SCALE FIRE: WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS KEEP CONTAINERS COOL WITH WATER SPRAY TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data.

Safety in the use of an assessment is the responsibility of the user.

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MORRISON CONSTRUCTION 4444 / 25 Hazard 53267 Material.385 GENERIC - PAINT (EMULSIÓN) LOWHAZARD . her word Paint (water) Supplier Date 25/02/2002 LIQUID Address Contents Water based emulsion LOW HAZARD Health Risks Exp Limit Not assigned Risk Assessment 8/12 **Assessment Comments** MAY BE HARMFUL IF INGESTED IN QUANTITY Method Refer to Confined Spaces Regulations 1997 for further Hand applying MAY CAUSE EYE IRRITATION information. Area **Confined Space** SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in vapour Exposure Time 4 to 8 hours daily When using do not eat, drink or smoke Avoid contact with skin and eyes **Assessment Contents** Spillage. VENTILATE AREA FORCED DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES COVER SKIN PROTECT HANDS **EYE GOGGLES** EXPOSURE LEVEL NO SMOKING **VENTILATION WEAR RUBBER GLOVES OXYGEN** IF SPLASH **AVOID SKIN** RUBBER **EATING OR** WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY CONTACT LEVELS LIKELY DRINKING WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ABSORB IN SAND OR INERT ABSORBENT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid WASH BASIN CHANGING **CLOSE TIN** DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST WASH AFTER IF HEAVILY AFTER USE AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY If using engineering controls, ensure maintenance (Reg 9). EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR Fire -ISOLATED SMALL SCALE FIRE: WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM MAINTENANCE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS KEEP CONTAINERS COOL WITH WATER SPRAY TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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53267 /8

MORRISON CONSTRUCTION **GENERIC - PAINT (EMULSION)** Material/Process Supplier Address

Paint (water) Keyword 25/02/2002 Date Contents

Water based emulsion

4444

53267 ALOWHAZARD LIQUID



LOW HAZARD

Exp Limit Not assigned Health Risks

MAY BE HARMFUL IF INGESTED IN QUANTITY

MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe in vapour

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR RUBBER GLOVES

WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT

ABSORB IN SAND OR INERT ABSORBENT MATERIAL

COLLECT INTO A CONTAINER, CLOSE LID

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

KEEP CONTAINERS COOL WITH WATER SPRAY

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

9/12

Assessment Comments

Method

1 25

Hand applying

Area

Any area (not confined)

Exposure Time 1/2 to 2 hours daily

Assessment Contents



COYER SKIN **AVOID SKIN**

CONTACT



RUBBER



IF SPLASH

LIKELY



NO SMOKING EATING OR DRINKING



WASH AFTER CONTACT



IF HEAVILY SOILED



AFTER USE





If using engineering controls, ensure maintenance (Reg 9).



Considerations

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Malerial/Process GENERIC - PAINT (EMULSION) Melatin Alphoness GENERIC - PAINT (EMULSION) Supplier Address Melath Risks Exp Limit Not assigned May BE HARMFUL IF INGESTED IN QUANTITY MAY CAUSE EYE RIRITATION SKIN - IRRITATION SKIN - IRRITATION SKIN - IRRITATION SKIN - IRRITATION AND DETRAINTS MAY RESULT FROM PROLONGED CONTACT Do not breithe in vapour When using do not eat, drink or smoke Avoid contact with skin and eyes VENTILATE AREA DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAINSEWERS/WATER COURSES WEAR RUBBER GLOVES WEAR REYE GOGGLES (GRADE 3) IF SPILASH LIKELY WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT ASSORS IN SAND OR INERT ASSORBERT MATERIAL COLLECT INTO A CONTAINER, CLOSE LID DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS FIRST AS IGNIFICANT EXPOSURE CALL FOR NEOICAL ASSISTANCE IMMEDIATELY INGESTION - ON ON TIP DUCK EVOINTHING INGESTION - ON ON TIP DUCK EVOINTHING INGESTION - ON ON TIP DUCK EVOINTHING INGESTION - ON ON THE DUCK EVOINTHING INGESTION - ON ONT THE DUCK EVOINTHING INGESTION - ON ON THE DUCK			li '
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WEAR SELF CONTAINED BREATHING AFFARATOS KEEP CONTAINERS COOL WITH WATER SPRAY			* 9
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TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE	0		j
TOXIC FUMES ARE PRODUCED WHEN SUBSTAINCE IS INVOLVED. This assessment was compiled by Sypol Limited from suppliers data.	<u> </u>		Printed: 27/05/2002

MORRISON CONSTRUCTION **GENERIC - PAINT (EMULSION)**

Paint (water) Keyword Date

Water based emulsion

Contents

25/02/2002

4444

LOWHAZARD LIQUID

53267

Hazard

LOW HAZARD

Exp Limit Not assigned Health Risks

MAY BE HARMFUL IF INGESTED IN QUANTITY

MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe in vapour

Material/Process

Supplier

Address

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR RUBBER GLOVES

WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT

ABSORB IN SAND OR INERT ABSORBENT MATERIAL

COLLECT INTO A CONTAINER, CLOSE LID

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

KEEP CONTAINERS COOL WITH WATER SPRAY

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

/ 25

11/12

Assessment Comments

Method

Hand applying

Area

Any area (not confined)

Exposure Time 4 to 8 hours daily

Assessment Contents



COVER \$KIN AVOID SKIN

CONTACT



PROTECT HANDS RUBBER

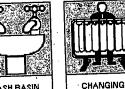


EYE GOGGLES IF SPLASH LIKELY



EATING OR DRINKING





WASH AFTER CONTACT

IF HEAVILY SOILED

CLOSETIN AFTER USE





If using engineering controls, ensure maintenance (Reg 9).



Considerations

MAINTENANCE

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

53267 /11

MORRISON CONSTRUCTION GENERIC - PAINT (EMULSION)

4444 Paint (water)

25/02/2002

Keyword

Contents:

Water based emulsion

Date

1 25

53267

LOW HAZARD

LIQUID



LOW HAZARD

Health Risks

Material/Process

Supplier

Address

Exp Limit Not assigned

MAY BE HARMFUL IF INGESTED IN QUANTITY

MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe in vapour

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR RUBBER GLOVES

WEAR EYE GOGGLES (GRADE 3) IF SPLASH LIKELY

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER: IS SPILT

ABSORB IN SAND OR INERT ABSORBENT MATERIAL

COLLECT INTO A CONTAINER, CLOSE LID

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

Fire

ISOLATED SMALL SCALE FIRE:

WATER SPRAY - CARBON DIOXIDE - POWDER - FOAM

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

KEEP CONTAINERS COOL WITH WATER SPRAY

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

12/12

Assessment Comments

Method

Hand applying

Area

Any area (not confined)

Exposure Time 2 to 4 hours daily

Assessment Contents



COVER SKIN **AVOID SKIN**

CONTACT



PROTECT HANDS RUBBER



IF SPLASH LIKELY



EATING OR

DRINKING



WASH AFTER



IF HEAVILY SOILED CONTACT





AFTER USE

Considerations

If using engineering controls, ensure maintenance (Reg 9).



MAINTENANCE

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

53267 /12

MORRISON CONSTRUCTION Material/Process **GENERIC - GALVANISED STEEL**

Keyword Metal

Date

Contents

4444

14/02/2002

Zinc galvanised mild steel metal, dust and fume

Grinding

Exposure Time 1/2 to 2 hours daily

87894

MEDIUM HAZAKU

SOLID



CAUTION

Hazard

Health Risks

Supplier

Address

Exp Limit, Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES

Method

Area

Risk Assessment

/ 16

1/53

Inside Well Ventilated

Assessment Comments

INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) INHALATION - CAN CAUSE IRRITATION

MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Assessment Contents



KEEP SKIN

COVERED



HEAVY DUTY



FACE VISOR BS EN166

GRADE 4



VENTILATION



VENTILATION LOCAL **EXTRACT OR**



EN149 FFP2

Spillage

IF DUST PRODUCED SEE BELOW:

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

NO SMOKING EATING OR DRINKING



WASH AFTER CONTACT



IF HEAVILY SOILED



DAMP DOWN THEN SWEEP

OR VACUUM



First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

Fire

ISOLATED SMALL SCALE FIRE:

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Considerations



MAINTÉNANCE



If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation consider monitoring (reg 10

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Hazard 4444 / 16 87894 MORRISON CONSTRUCTION MEDIUM HAZANA Key Metal Material/Process **GENERIC - GALVANISED STEEL** Date · 14/02/2002 Supplier SOLID Contents Address Zinc galvanised mild steel metal, dust and fume CAUTION 2/53 **Assessment Comments** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment Health Risks

INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER)

INHALATION - CAN CAUSE IRRITATION MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe in fume

Do not breathe dust

When using do not eat, drink or smoke

'Avoid contact with skin and eyes

Spillage

IF DUST PRODUCED SEE BELOW:

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES

WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING .

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

BURNS -

SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

Fire

ISOLATED SMALL SCALE FIRE:

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Method

Grindina

Area

Outside .

Exposure Time 1/2 to 2 hours daily

Assessment Contents



KEEP SKIN COVERED



HEAVY DUTY



BS EN166 GRADE 4



NATURAL **VENTILATION**





PORTABLE







NO SMOKING

DRINKING



WASH AFTER CONTACT



IF HEAVILY

SOILED



THEN SWEEP **OR VACUUM**



Considerations



MAINTENANCE

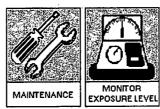


If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation consider monitoring (reg 10

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

87894 / 2

Hazard 4444 / 16 87894 MORRISON CONSTRUCTION MEDIUM HAZAND **GENERIC - GALVANISED STEEL** Keyword Metal Material/Process Date Supplier 14/02/2002 SOLID Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION 3/53 Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment Assessment Comments **Health Risks** INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Grindina INHALATION - CAN CAUSE IRRITATION Area 1 Outside - MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 2 to 4 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: NATURAL **FACE VISOR** DISPOSABLE COVER SKIN PROTECT HANDS VENTILATION **VENTILATION VENTILATE AREA** EN149 FFP2 HEAVY DUTY **BS EN166 PORTABLE** KEEP SKIN DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES **COVERED GRADE 4** OR **WEAR HEAVY DUTY GLOVES** WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST; GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS WASH BASIN CHANGING DAMP DOWN DISPOSAL NO SMOKING First Aid INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER IF HEAVILY THEN SWEEP DRINKING OR VACUUM AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY CONTACT SOILED INGESTION - DO NOT INDUCE VOMITING **INGESTION - GIVE PLENTY OF WATER IN SIPS** Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY disposable RPE ensure maintenance (reg EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES 9) Fumes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSEP. AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10 IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -



SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

Fire

ISOLATED SMALL SCALE FIRE:

WEAR SELF CONTAINED BREATHING APPARATUS

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

Printed: 24/05/2002 **87894** / 3

MORRISON CONSTRUCTION **GENERIC - GALVANISED STEEL** Material/Process

Keywora Metal

Date

Contents

/ 16

4444

14/02/2002

Zinc galvanised mild steel metal, dust and fume

87894

MEDIUM HAZAKU

SOLID

Health Risks

Supplier

Address

Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES

Risk Assessment Method

Area

4/53

Inside Well Ventilated

Grindina

Assessment Comments

CAUTION

INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) **INHALATION - CAN CAUSE IRRITATION**

MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe in fume

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Assessment Contents

Exposure Time 2 to 4 hours daily



KEEP SKIN

COVERED



PROTECT HANDS **HEAVY DUTY**



Hazard

FACE VISOR BS EN166 GRADE 4



VENTILATION



LOCAL **EXTRACT OR**



EN149 FFP2

Spillage

IF DUST PRODUCED SEE BELOW:

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

NO SMOKING

EATING OR DRINKING



WASH AFTER CONTACT



IF HEAVILY SOILED



THEN SWEEP

OR VACUUM



First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

Fire

ISOLATED SMALL SCALE FIRE:

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Considerations



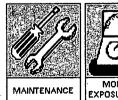


If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation consider monitoring (reg 10_

This assessment was compiled by Sypol Limited from suppliers data Safety in the use of an assessment is the responsibility of the user.

87894 /4

Hazard 4444 / 16 87894 MORRISON CONSTRUCTION **MEDIUM HAZARD** Kevworu Metal **GENERIC - GALVANISED STEEL** Material/Process Date Supplier 4 14/02/2002 **SOLID** Contents Address Zinc galvanised mild steel metal, dust and fume CAUTION **Assessment Comments** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment 5/53 **Health Risks** Refer to assessment of other materials involved in welding INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Welding process INHALATION - CAN CAUSE IRRITATION Inside Well Ventilated for further information Area MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 2 to 4 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eves Spillage IF DUST PRODUCED SEE BELOW: GENERAL RESTRICT PROTECT HANDS FACE VISOR **OVERALLS** VENTILATION **ACCESS VENTILATE AREA** WELDERS DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WELDERS HEAT WELDERS RESISTANT VISOR **CURTAIN OVERALL** WEAR HEAVY DUTY GLOVES WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION > DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS NO SMOKING WASH BASIN CHANGING DISPOSAL DISPOSABLE First Aid AFTER USE **WASH AFTER** WHEN INHALATION - REMOVE TO FRESH AIR AND REST EN149 FFP2 **EATING OR** COOLED **DRINKING** CONTACT AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

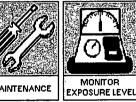


If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation ' consider monitoring (reg 10

VENTILATION

LOCAL

EXTRACT OR



SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

Fire

ISOLATED SMALL SCALE FIRE:

WEAR SELF CONTAINED BREATHING APPARATUS

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

87894. / 5

4444 MORRISON CONSTRUCTION Keywora Metal Material/Process **GENERIC - GALVANISED STEEL** Date 14/02/2002 Supplier Contents Address Zinc galvanised mild steel metal, dust and fume Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES **Health Risks** INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) INHALATION - CAN CAUSE IRRITATION MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in fume Do not breathe dust When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: **VENTILATE AREA** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WEAR HEAVY DUTY GLOVES WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid INHALATION - REMOVE TO FRESH AIR AND REST AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Hazard

CAUTION

Risk Assessment

/ 16

Area

6/53

Assessment Comments

Method Welding

Inside Well Ventilated

Exposure Time 1/2 to 2 hours daily

Refer to assessment of other materials involved in welding process

for further information

Assessment Contents



RESTRICT ACCESS WELDERS

CURTAIN



87894

SOLID

MEDIUM HAZARD

WELDERS **OVERALL**



HEAT RESISTANT



WELDERS VISOR



VENTILATION



LOCAL EXTRACT OR



EN149 FFP2



EATING OR

DRINKING



WASH AFTER CONTACT



AFTER USE



WHEN! COOLED

Considerations



MAINTENANCE



If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation consider monitoring (reg 10_

This assessment was compiled by Sypol Limited from suppliers data. Safety in the use of an assessment is the responsibility of the user.

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4444 / 16 Hazard MORRISON CONSTRUCTION 87894 **MEDIUM HAZARD** Keyword Metal Material/Process **GENERIC - GALVANISED STEEL** Date Supplier 14/02/2002 **SOLID** Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION 7/53 **Assessment Comments** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment Health Risks Refer to assessment of other materials involved in welding INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Welding process INHALATION - CAN CAUSE IRRITATION \ Outside Area for further information MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 1/2 to 2 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: NATURAL RESTRICT PROTECT HANDS OVERALLS FACE VISOR VENTILATION VENTILATION **VENTILATE AREA** ACCESS WELDERS WELDERS HEAT WELDERS PORTABLE DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES RESISTANT **VISOR OVERALL** CURTAIN WEAR HEAVY DUTY GLOVES WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS DISPOSABLE NO SMOKING WASH BASIN CHANGING DISPOSAL First Aid INHALATION - REMOVE TO FRESH AIR AND REST EN149 FFP2 **EATING OR** WASH AFTER AFTER USE WHEN AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT COOLED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY disposable RPE ensure maintenance (reg EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES 9) Fumes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10_ IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire



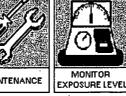
ISOLATED SMALL SCALE FIRE:

WEAR SELF.CONTAINED BREATHING APPARATUS

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

LARGE FIRE: EVACUATE AREA, CALL.FIRE BRIGADE OR FOLLOW SITE PROCEDURE



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Hazard / 16 87894 4444 MORRISON CONSTRUCTION **MEDIUM HAZARD GENERIC - GALVANISED STEEL** Kevworu Metal Material/Process Date Supplier 14/02/2002 SOLID Contents Address Zinc galvanised mild steel metal, dust and fume CAUTION Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment 8/53 **Assessment Comments Health Risks** Refer to assessment of other materials involved in welding INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Welding process INHALATION - CAN CAUSE IRRITATION Area Outside for further information MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 2 to 4 hours daily Do not breathe in fume **Assessment Contents** Do not breathe dust When using do not eat, drink or smoke Avoid contact with skin and eves Spillage IF DUST PRODUCED SEE BELOW: NATURAL RESTRICT FACE VISOR PROTECT HANDS VENTILATION **OVERALLS VENTILATION** ACCESS **VENTILATE AREA** WELDERS PORTABLE HEAT DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WELDERS WELDERS **VISOR CURTAIN** OVERALL' RESISTANT WEAR HEAVY DUTY GLOVES WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS NO SMOKING WASH BASIN CHANGING DISPOSAL DISPOSABLE. First Aid AFTER USE WASH AFTER INHALATION - REMOVE TO FRESH AIR AND REST EN149 FFP2 **EATING OR** DRINKING CONTACT AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER $\cdot\cdot$

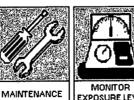
IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

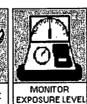
Fire

ISOLATED SMALL SCALE FIRE:

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE



If using engineering controls/non disposable RPE ensure maintenance (req 9) Fumes are harmful by inhalation consider monitoring (reg 10



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MORRISON CONSTRUCTION Material/Process **GENERIC - GALVANISED STEEL**

Keyworu Date

Metal

MEDIUM HAZARD

SOLID

87894

Contents

Zinc galvanised mild steel metal, dust and fume

4444

14/02/2002

Hazard

CAUTION

Health Risks

Supplier -

Addréss

Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES

INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER)

INHALATION - CAN CAUSE IRRITATION

MAY CAUSE EYE IRRITATION

SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT

Do not breathe in fume

Do not breathe dust

When using do not eat, drink or smoke

Avoid contact with skin and eyes

Spillage

IF DUST PRODUCED SEE BELOW:

VENTILATE AREA

DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WEAR HEAVY DUTY GLOVES

WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED

WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED

WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT

DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST

AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

INGESTION - DO NOT INDUCE VOMITING

INGESTION - GIVE PLENTY OF WATER IN SIPS

IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY

EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES

SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER

IF IRRITATION PERSISTS THEN CONSULT A DOCTOR

SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

Fire

ISOLATED SMALL SCALE FIRE:

USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Risk Assessment

/ 16

9/53

Assessment Comments

Method

Grinding

Area

Outside

Exposure Time 4 to 8 hours daily

Assessment Contents







PROTECT HANDS

HEAVY DUTY



FACE VISOR

BS EN166 GRADE 4



VENTILATION



PORTABLE OR.



EN149 FFP3



NO SMOKING

EATING OR DRINKING



WASH AFTER CONTACT







THEN SWEEP OR VACUUM



Considerations



MAINTENANCE



If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation consider monitoring (reg 10__

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MORRISON CONSTRUCTION 4444 / 16 87894 Hazard Material/Process GENERIC - GALVANISED STEEL Keywora Metal **MEDIUM HAZARD** Supplier Date 14/02/2002 SOLID Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION **Health Risks** Exp Limit Zinc oxide, fume 5mg/m3 8hr.10mg/m3OES Risk Assessment 10/53 **Assessment Comments** INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Cutting INHALATION - CAN CAUSE IRRITATION Outside Area MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 4 to 8 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: NATURAL COVER SKIN PROTECT HANDS FACE VISOR **VENTILATION** DISPÓSABLE **VENTILATE AREA** VENTILATION DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES KEEP SKIN **HEAVY DUTY** PORTABLE **BS EN166** EN149 FFP3 WEAR HEAVY DUTY GLOVES COVERED **GRADE 4** OR WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING WASH BASIN CHANGING DAMP DOWN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER IF HEAVILY THEN SWEEP AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT SOILED OR VACUUM INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY disposable RPE ensure maintenance (reg EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES 9) Furnes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10 IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: MONITOR USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE MAINTENANCE EXPOSURE LEVEL LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS

TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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MORRISON CONSTRUCTION 4444 / 16 87894 Hazard Material/Process **GENERIC - GALVANISED STEEL** Ke Metal **MEDIUM HAZARD** Supplier * Date 14/02/2002 **SOLID** Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Health Risks Risk Assessment 11/53 Assessment Comments INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Grinding INHALATION - CAN CAUSE IRRITATION Area Inside Well Ventilated MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 4 to 8 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: * COVER SKIN PROTECT HANDS **VENTILATE AREA** FACE VISOR **VENTILATION** DISPOSABLE VENTILATION DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES. KEEP SKIN **HEAVY DUTY BS EN166** LOCAL **EN149 FFP3** WEAR HEAVY DUTY GLOVES COVERED **GRADE 4** EXTRACT OR WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING WASH BASIN CHANGING DAMP DOWN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER IF HEAVILY THEN SWEEP AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT SOILED OR VACUUM INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY disposable RPE ensure maintenance (reg EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES 9) Fumes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10 IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE MONITOR **EXPOSURE LEVEL** LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data. 87894 /11 Printed: 24/05/2002

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MORRISON CONSTRUCTION 4444 Material/Process GENERIC - GALVANISED STEEL Keyworu Metal Supplier Date 14/02/2002 Address Contents Zinc galvanised mild steel metal, dust and fume **Health Risks** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) INHALATION - CAN CAUSE IRRITATION MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in fume Do not breathe dust When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: **VENTILATE AREA** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES WEAR HEAVY DUTY GLOVES WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid INHALATION - REMOVE TO FRESH AIR AND REST AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE

WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE / 16 87894

MEDIUM HAZARD

SOLID



CAUTION

Risk Assessment

12/53

Assessment Comments

Method

Area

Inside Well Ventilated

Exposure Time 4 to 8 hours daily

Cutting

Assessment Contents



KEEP SKIN

COVERED



HEAVY DUTY



FACE VISOR **BS EN166**

GRADE 4



VENTILATION



VENTILATION LOCAL

EXTRACT OR



EN149 FFP3



NO SMOKING **EATING OR**

DRINKING



WASH AFTER CONTACT



CHANGING IF HEAVILY

SOILED.



DAMP DOWN



THEN SWEEP OR VACUUM

Considerations



MAINTENANCE



If using engineering controls/non disposable RPE ensure maintenance (reg 9) Furnes are harmful by inhalation consider monitoring (reg 10

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MORRISON CONSTRUCTION 4444 / 16 87894 Material/Process **GENERIC - GALVANISED STEEL** Κε...... Metal **MEDIUM HAZARD** Supplier Date 14/02/2002 **SOLID** Address Contents Zinc galvanised mild steel metal, dust and fume Health Risks Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment 13/53 INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Welding INHALATION - CAN CAUSE IRRITATION Area Inside Well Ventilated MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time Up to 1/2 hour daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: APRON PROTECT HANDS VENTILATE AREA DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES HEAT WEAR HEAVY DUTY GLOVES RESISTANT WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE MONITOR MAINTENANCE EXPOSURE LEVEL LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

Hazard



CAUTION

Assessment Comments

Electrical welding. No flux used



HEAVY DUTY



EYE GOGGLES WELDERS

GOGGLES



VENTILATION





LOCAL EN149 FFP2 **EXTRACT OR**





IF HEAVILY SOILED



WHEN COOLED

If using engineering controls/non disposable RPE ensure maintenance (reg 9) Fumes are harmful by inhalation . consider monitoring (reg 10

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87894 /13

MORRISON CONSTRUCTION 4444 / 16 Hazard 87894 Material/Process **GENERIC - GALVANISED STEEL** Keyword Metal **MEDIUM HAZARD** Supplier Date 14/02/2002 SOLID Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION **Health Risks** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m30ES **Risk Assessment** 14/53 **Assessment Comments** INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Cleaning of equipment and handling dusts. Wear RPE as Method Handling **INHALATION - CAN CAUSE IRRITATION** desiganted Area Inside Well Ventilated MAY CAUSE EYE IRRITATION if dust generated SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time Up to 1/2 hour daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: GENERAL **VENTILATE AREA** COVER SKIN PROTECT HANDS EYE GOĞGLES VENTILATION DISPOSABLE VENTILATION DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES KEEP SKIN **HEAVY DUTY BS EN166** LOCAL **EN149 FFP2** WEAR HEAVY DUTY GLOVES COVERED **GRADE 4 EXTRACT OR** WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR

First Aid

INHALATION - REMOVE TO FRESH AIR AND REST AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY **EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES** SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS

COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION

Fire

ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE

LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE









WASH AFTER CONTACT



IF HEAVILY SOILED





THEN SWEEP OR VACUUM

Considerations





If using engineering controls/non 9) Fumes are harmful by inhalation

disposable RPE ensure maintenance (reg consider monitoring (reg 10

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87894 /14

MORRISON CONSTRUCTION 4444 / 16 87894 Hazard Material/Process **GENERIC - GALVANISED STEEL** Keyworu Metal **MEDIUM HAZARD** Supplier Date 14/02/2002 SOLID Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION **Health Risks** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Risk Assessment 15/53 Assessment Comments INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Using an acetylene torch, intermittant use Method Cutting **INHALATION - CAN CAUSE IRRITATION** Area Outside MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 1/2 to 2 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: APRON PROTECT HANDS **FACE VISOR** VENTILATE AREA NO SMOKING WASH BASIN VENTILATION DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES HEAT HEAT WELDERS **EATING OR** WASH AFTER WEAR HEAVY DUTY GLOVES RESISTANT RESISTANT VISOR **DRINKING** CONTACT WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR . COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid CHANGING DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST IF HEAVILY WHEN AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY SOILED COOLED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY disposable RPE ensure maintenance (reg **EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES** 9) Fumes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10 IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE MONITOR MAINTENANCE EXPOSURE LEVEL LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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87894 /15

MORRISON CONSTRUCTION 4444 / 16 87894 Hazard Material/Process **GENERIC - GALVANISED STEEL** Keyword Metal **MEDIUM HAZARD** Supplier Date 14/02/2002 SOLID Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION Health Risks Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES 16/53 Risk Assessment Assessment Comments INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Using an acetylene torch, Intermittant use Cuttina INHALATION - CAN CAUSE IRRITATION Area Inside Well Ventilated MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time 1/2 to 2 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: APRON PROTECT HANDS VENTILATE AREA FACE VISOR NO SMOKING WASH BASIN **VENTILATION** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES HEAT HEAT WELDERS **EATING OR** WASH AFTER WEAR HEAVY DUTY GLOVES RESISTANT RESISTANT VISOR DRINKING CONTACT WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid CHANGING DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST IF HEAVILY AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY SOILED INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY. disposable RPE ensure maintenance (reg EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES 9) Fumes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10 IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE MONITOR MAINTENANCE **EXPOSURE LEVEL** LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

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87894 /16

MORRISON CONSTRUCTION 4444 / 16 Material/Process **GENERIC - GALVANISED STEEL** Keyword Metal Supplier Date 14/02/2002 Address Contents Zinc galvanised mild steel metal, dust and fume **Health Risks** Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method INHALATION - CAN CAUSE IRRITATION Area MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Do not breathe in fume Do not breathe dust When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: **VENTILATE AREA** DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES KEEP SKIN WEAR HEAVY DUTY GLOVES COVERED WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid INHALATION - REMOVE TO FRESH AIR AND REST AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMES ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE

87894 MEDIUM HAZARD

SOLID

Hazard

CAUTION

Risk Assessment

17/53

Assessment Comments

Use engineering controls and/or wear rpe if dust generated

Grinding

Outside

Exposure Time Up to 1/2 hour daily

Assessment Contents



COVER SKIN



HEAVY DUTY



FACE VISOR **BS EN166**



NATURAL VENTILATION



PORTABLE

OR



EN149 FFP2



NO SMOKING

WASH BASIN

EATING OR DRINKING CONTACT



WASH AFTER



GRADE 4

IF HEAVILY SOILED





THEN SWEEP OR VACUUM

Considerations



MAINTENANCE



If using engineering controls/non. disposable RPE ensure maintenance (req 9) Fumes are harmful by inhalation consider monitoring (reg 10

EXPOSURE LEYEL

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87894 /17

MORRISON CONSTRUCTION 4444 / 16 87894 Hazard Material/Process **GENERIC - GALVANISED STEEL** Kevwora **MEDIUM HAZARD** Metal Supplier Date 14/02/2002 SOLID Address Contents Zinc galvanised mild steel metal, dust and fume CAUTION 18/53 Exp Limit Zinc oxide, fume 5mg/m3 8hr 10mg/m3OES Health Risks Risk Assessment **Assessment Comments** INHALATION OF METAL FUME MAY CAUSE FLU-LIKE ILLNESS (METAL FUME FEVER) Method Grinding **INHALATION - CAN CAUSE IRRITATION** Area Outside MAY CAUSE EYE IRRITATION SKIN - IRRITATION AND DERMATITIS MAY RESULT FROM PROLONGED CONTACT Exposure Time Over 8 hours daily Do not breathe in fume Do not breathe dust **Assessment Contents** When using do not eat, drink or smoke Avoid contact with skin and eyes Spillage IF DUST PRODUCED SEE BELOW: NATURAL COVER SKIN PROTECT HANDS FACE VISOR VENTILATION DISPOSABLE VENTILATE AREA VENTILATION DO NOT ALLOW SPILLAGE TO ENTER MAINS DRAIN/SEWERS/WATER COURSES KEEP SKIN **HEAVY DUTY BS EN166 PORTABLE EN149 FFP3** COVERED **GRADE 4** WEAR HEAVY DUTY GLOVES WEAR EYE PROTECTION GRADE 4 IF LARGE QUANTITIES OF DUST GENERATED WEAR RPE WITH PARTICULATE FILTER (P) IF DUST GENERATED WEAR PROTECTIVE CLOTHING IF WHOLE CONTAINER IS SPILT DO NOT DRY SWEEP/EITHER DAMP DOWN OR USE TYPE H VACUUM SYSTEM TO CLEAR COLLECT INTO SUITABLE CONTAINER AVOIDING DUST GENERATION DISPOSE OF IN ACCORDANCE WITH LOCAL ENVIRONMENT AGENCY REGULATIONS First Aid NO SMOKING WASH BASIN DAMP DOWN DISPOSAL INHALATION - REMOVE TO FRESH AIR AND REST **EATING OR** WASH AFTER IF HEAVILY THEN SWEEP AFTER A SIGNIFICANT EXPOSURE CALL FOR MEDICAL ASSISTANCE IMMEDIATELY DRINKING CONTACT SOILED OR VACUUM INGESTION - DO NOT INDUCE VOMITING INGESTION - GIVE PLENTY OF WATER IN SIPS Considerations If using engineering controls/non IF FEELING UNWELL CONSULT YOUR DOCTOR IMMEDIATELY disposable RPE ensure maintenance (reg EYE - IRRIGATE WITH WATER FOR AT LEAST 15 MINUTES 9) Fumes are harmful by inhalation SKIN - WASH WITH SOAP/CLEANSER AND RINSE WITH PLENTY OF WATER consider monitoring (reg 10 IF IRRITATION PERSISTS THEN CONSULT A DOCTOR BURNS -SPECIFIC TREATMENT - CALL FOR MEDICAL ASSISTANCE IMMEDIATELY Fire ISOLATED SMALL SCALE FIRE: USE EXTINGUISHERS SUITABLE FOR OTHER MATERIALS INVOLVED IN FIRE MONITOR MAINTENANCE **EXPOSURE LEVEL** LARGE FIRE: EVACUATE AREA, CALL FIRE BRIGADE OR FOLLOW SITE PROCEDURE WEAR SELF CONTAINED BREATHING APPARATUS TOXIC FUMÉS ARE PRODUCED WHEN SUBSTANCE IS INVOLVED IN A FIRE This assessment was compiled by Sypol Limited from suppliers data **87894** /18 Printed: 24/05/2002 Safety in the use of an assessment is the responsibility of the user.