

3M, INDUSTRIAL SPECIALTIES DIV -- EC-3924 BRUSHABLE STRUCTURAL ADHESIVE PRIMER

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MSDS Safety Information
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FSC: 8040
NIIN: 01-280-1462
MSDS Date: 11/08/1993
MSDS Num: BWHBQ
Product ID: EC-3924 BRUSHABLE STRUCTURAL ADHESIVE PRIMER (XD)
MFN: 02
Responsible Party
Cage: 52152
Name: 3M, INDUSTRIAL SPECIALTIES DIVISION
Address: 3
M CENTER
City: SAINT PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 52152
Name: MINNESOTA MINING & MFG CO INDUSTRIAL TAPE & SPECIALTIES DIV
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Phone: 1-800-364-3577

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Item Description Information
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Item Manager: GSA
Item Name: PRIMER,ADHESIVE
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: QT
UI Container Qty: 0
Type of Container: CAN

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Ingredients
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Cas: 123-42-2
RTECS #: SA9100000
Name: DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)
% Wt: 15-40
Other REC Limits: NONE RECO

MMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM; 9394

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
% Wt: 15-40
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL;9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 109-99-9
RTECS #: LU5950000
Name: TETRAHYDROFURAN (SARA III)
% Wt: 10-30
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/250STEL;
9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 25036-25-3
Name: BISPHENOL A EPOXY RESIN
% Wt: 1-5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 107-98-2
RTECS #: UB7700000
Name: 1-METHOXY-2-PROPANOL (PROPYLENE GLYCOL MONOMETHYL ETHER)
% Wt: 1-5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9394

Cas: 7732-18-5
RTECS #:

ZC0110000

Name: WATER

% Wt: 1-5

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 7789-06-2

RTECS #: GB3240000

Name: STRONTIUM CHROMATE (SARA III)

% Wt: 0.5-1.5

Other REC Limits: NONE RECOMMENDED

OSHA PEL: C 0.1 MG (CRO3)/M3

ACGIH TLV: 0.0005MG(CR)/M3,A294

EPA Rpt Qty: 10 LBS

DOT Rpt Qty: 10 LBS

Cas: 67-56-1

RTECS #: PC1400000

Name: METHYL ALCOHOL (METHANOL) (SARA III)

% Wt: 0.1-0.5

Other

REC Limits: NONE RECOMMENDED

OSHA PEL: S,200PPM

ACGIH TLV: S,200PPM/250STEL; 94

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 17526-94-2

Name: N,N'-(METHYL-1,3-PHENYLENE)BIS(N,N'-DIMETHYLUREA)

% Wt: 0.1-0.5

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA III)

% Wt: 0.1-0.5

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 750P

PM/1000STEL;9294
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: ACUTE: MAY CAUSE CNS DEPRESSION IF INHALED OR SWALLOWED.
INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION, LIVER/KIDNEY EFFECTS.
INGESTION

MAY CAUSE GI TRACT IRRITATION, ASPIRATION. CONTACT MAY CAUSE
MODERATE EYE IRRITATION OR ALLERGIC SKIN REACTION. CHRONIC: PROLONGED OR
REPEATED EXPOSURE MAY CAUSE SKIN ULCERATIONS.

Explanation Of Carcinogenicity: CHROMIUM (HEXAVALENT COMPOUNDS) ARE LISTED BY
NTP, IARC, ACGIH AS KNOWN HUMAN CARCINOGENS.

Signs And Symptoms Of Overexposure: EYES: REDNESS, SWELLING, PAIN, TEARING,
HAZY VISION. SKIN: REDNESS, SWELLING, BLISTERING, ITCHING. INHALED/INGESTED
CNS: DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED

SPEECH, GI DIZZINESS, UNCONSCIOUSNESS. INHALED(IRR.): COUGH, SNEEZING. INGESTED
(IRR.): NAUSEA, VOMITING, ABDOMINAL TENDERNESS.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALATION-REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL
ATTENTION. EYE-IMMEDIATELY FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET
MEDICAL ATTENTION IMMEDIATELY. SKIN-WASH WITH SOAP & WATER. REMOVE
CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING, UNLESS INSTRUCTED BY
PHYSICIAN. NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION
IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA. ELIMINATE ALL SOURCES OF IGNITION.
CONTAIN SPILL. COLLECT USING NON-SPARKING TOOLS. COVER WITH ABSORBENT
MATERIAL. COVER AREA WITH AFFF FOAM. COLLECT SPILLED MATERIAL. CLEAN-UP
RESIDUE WITH SOL

VENT. PLACE IN APPROVED METAL CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PER MANUFACTURER-UNUSED/UNCONTAMINATED PRODUCT MAY BE HAZARDOUS WASTE UNDER RCRA/EPA 40CFR261: D001 (IGNITEABLE); D007 (CHROMIUM); D035 (METHYL ETHYL KETONE). DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE AT TEMPERATURES BELOW 0F (-18C). ALLOW TO RETURN TO ROOM TEMPERATURE BEFORE USE. STORE IN A COOL, DRY PLACE AWAY

FROM SOURCES OF IGNITION.

Other Precautions: KEEP AWAY FROM INCOMPATIBLE MATERIALS. AVOID STATIC DISCHARGE, PROPERLY BOND & GROUND WHEN TRANSFERRING PRODUCT. KEEP CONTAINER TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 6F,-14C

Autoignition Temp Text: UNKNON

Lower Limits: 1.8

Upper Limits: 1

1.8

Extinguishing Media: WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS EXPOSED TO HEAT FROM FIRE MAY BUILD PRESSURE & EXPLODE.

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Control Measures
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Respiratory Protection: IF ENGINEERING CONTROLS F

AIL OR NON-ROUTINE USE OR

EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation: USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: PVA

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: WEAR APRON & COVERALLS. DLA-: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic

Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health: MSDS ENTERED BY DLA- UNDER PROJECT FOR GSA.

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Physical/Chemical Properties
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HCC: F2
B.P. Text: 151F,66C
M.P/F.P Text: UNKNOWN
Decomp Text: UNKNOWN
Vapor Pres: 145
Vapor Density: 2.5
Spec Gravity: 0.89
Viscosity: 10 CENTIPOISE
Evaporation Ra
te & Reference: >2 (ETHER=1)
Solubility in Water: SLIGHT
Appearance and Odor: VERY THIN YELLOW LIQUID, SOLVENT ODOR.
Percent Volatiles by Volume: 94
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NONE KNOWN.
Materials To Avoid: NONE KNOWN.
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN, HYDROGEN CYANIDE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 52152

Trans ID NO: 121555

Product ID: EC-3924 BR

USHABLE STRUCTURAL ADHESIVE PRIMER (XD)

MSDS Prepared Date: 11/08/1993

Review Date: 02/09/1995

MFN: 2

Tech Entry NOS Shipping Nm: CONTAINS DIACETONE ALCOHOL AND METHYL ETHYL KETONE

Net Unit Weight: 1.9 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: QT

Container QTY: 0

Type Of Container: CAN
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Detail DOT Information
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DOT PSN Code: LFJ

DOT Proper Shipping Name: PAINT RELATED MATER

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DOT PSN Modifier: INCLUDING PAINT THINNING, DRYING, REMOVING, OR REDUCING
COMPOUND

Hazard Class: 3

UN ID Num: UN1263

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision: B52,T7,T30

Packaging Exception: 150

Non Bulk Pack: 173

Bulk Pack: 242

Max Qty Pass: 5 L

Max Qty Cargo: 60 L

Vessel Stow Req: B
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Detail IMO Information
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IMO PSN Code: LCP

IMO Proper Shipping Name: PAI

NT OR PAINT RELATED MATERIAL

IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT THINNING OR REDUCING COMPOUND) o

IMDG Page Number: 3268

UN Number: 1263

UN Hazard Class: 3.2

IMO Packaging Group: I/II *

Subsidiary Risk Label: -

EMS Number: 3-05

MED First Aid Guide NUM: 310

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Detail IATA Information
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IATA PSN Code: SXI

IATA UN ID Num: 1263

IATA Proper Shipping Name: PAINT

IATA PSN Modifier: (INCLUDING

PAINT,LACQUER,ENAMEL,STAIN,SHELLAC,VARNISH,POLISH,LIQUID FILLER AND LIQUID LACQUER BASE)

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN Packing Group: II

Packing Note Passenger: 305

Max Quant Pass: 5L

Max Quant Cargo: 60L

Packaging Note Cargo: 307

Exceptions: A7,A72

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Detail AFI Information
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AFI PSN Code: SXI

AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL

AFI PSN Modifier: (INCLUDING PAINT,LACQUER,ENAMEL,STAIN,SHELLAC

SOLUTIONS,VARNISH,POLISH,LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: II

Special Provisions: P5

Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: EC-3924 BRUSHABLE STRUCTURAL ADHESIVE PRIMER (XD)

Cage: 52152

Company Name: MINNESOTA MINING & MFG CO INDUSTRIAL TAPE & SPECIALTIES
DIV

Street: 3M CENTER

City: ST PAUL MN

Zipcode: 55144-1000

Health Emergency Phone: 612-733-1110

Label Required IND: Y

Date Of Label Review: 02/09/1995

Status Code: C

Label Date: 02/09/1995

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protec

tion IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE! MAY CAUSE CNS DEPRESSION IF INHALED OR SWALLOWED. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION, LIVER/KIDNEY EFFECTS. INGESTION MAY CAUSE GI TRACT IRRITATION, ASPIRATION. CONTACT MAY CAUSE MODERATE EYE IRRITATION OR ALLERGIC SKIN REACTION. PROLONGED/REPEATED EXPOSURE MAY CAUSE SKIN ULCERATIONS. FIRST AID: INHALATION-REMOVE TO FRESH AIR. RESTORE BREA

THING. GET MEDICAL ATTN. EYE-IMMEDIATELY FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTN IMMEDIATELY. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING, UNLESS INSTRUCTED BY DR. GET MEDICAL ATTN IMMEDIATELY. TARGET ORGANS: CNS, LIVER, KIDNEY, SKIN, LUNGS

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