

EPOXY CURING AGENT MIL-L-22750D #30,000 PTA

MSDS Number

BLYYD

National Stock Number

8010-00-148-7091

Product Name

EPOXY CURING AGENT MIL-L-22750D #30,000 PTA

Manufacturer

STEELCOTE MFG CO

Product Identification

Product ID:EPOXY CURING AGENT MIL-L-22750D #30,000 PTA

MSDS Date:11/14/1991

FSC:8010

NIIN:00-148-7091

Kit Part:Y

MSDS Number: BLYYD

Responsible Party

STEELCOTE MFG CO

ONE STEELCOTE SQUARE

ST LOUIS , MO 63103

US

Emergency Phone: 800-424-9300 CHEMTREC

Info Phone: 314-771-8053

Cage: DO668

Contractor

STEELCOTE MFG CO

ST. LOUIS,, MO 63103

US

(314) 771-8053

Cage: DO668

Ingredients

2-PROPANOL (SARA 313) (VAPOR PRESSURE 30.00 MM HG @ 20

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 5-10%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM;500 PPM STEL

N-BUTYL ACETATE (VAPOR PRESSURE 10.00 MM HG @ 20 C) (LEL

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 5-10%

OSHA PEL150 PPM

ACGIH TLV: 150 PPM;200 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

2-ETHOXYETHYL ACETATE (SARA 313) (VAPOR PRESSURE 2.00 MM HG

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 25-30%

OSHA PELSKIN 100 PPM

ACGIH TLV: SKIN 5 PPM

METHYL ETHYL KETONE (SARA 313) (VAPOR PRESSURE 70.20 MM HG

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 20-25%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM;300 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 5-10%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

XYLENE (SARA 313) (VAPOR PRESSURE 6.60 MM HG @ 20 C) (LEL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 1-5%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM;150 PPM STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SANDING OR GRINDING DRIED FILM OF PRODUCT PRODUCES NUISANCE

RTECS: 9999999ZZ

OSHA PEL15MG/M3 TOTAL DUST*

ACGIH TLV: 10MG/M3 TOTAL DUST

ABSORPTION MAY CONTRIBUTE TO OVERALL EXPOSURE TO THIS

RTECS: 9999999ZZ

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards Acute and Chronic: EYE: SEVERELY IRRITATE/EXTENSIVE CORNEAL INJURY. SKIN: MODERATELY IRRITATE/SKIN DAMAGE/DEFAT/DRY/DERMATITIS, ABSORP; SYMPTOMS SAME AS DESCRIBED IN INHALE/INGEST. INHALE: IRRITATE/NOSE/THROAT/ RESPIRATORY TRACT/MUCOUS MEMBRANES/CENTRAL NERVOUS SYSTEM DEPRESSION/PERM BRAIN DAMAGE. INGEST: MODERATELY TOXIC/KIDNEY DAMAGE/
Effects of Overexposure: EYE: IRRITATE/PAIN/TEAR/RED/SWELL. SKIN: IRRITATE/RED/SWELL/RASH. RESPIRATORY: IRRITATE/RUNNY NOSE/SORE THROAT/ COUGH/CHEST DISCOMFORT/SHORT BREATH/REDUCED LUNG FUNCTION. GASTROINTESTINAL: IRRITATE/SORE THROAT/ABDOMINAL PAIN/NAUSEA/VOMIT/ DIARRHEA. CENTRAL NERVOUS SYSTEM DEPRESSION: HEADACHE/DIZZINESS/NAUSEA/ SYMPTOMS
Medical Cond Aggravated by Exposure: PREEXISTING SKIN/EYE/RESPIRATORY DISORDERS. IMPAIRED REPRODUCTIVE FUNCTIONS FROM PREEXISTING DISORDERS ASPIRATION INTO LUNGS DURING INGEST/VOMIT MAY CAUSE SEVERE LUNG DAMAGE/CENT NERV SYST DEPRES.

First Aid

First Aid: EYE: IMMEDIATE FLUSH W/LARGE AMTS WTR 15 MIN HOLD EYELIDS OPEN. GET PROMPT MED AID. SKIN: REMOVE CONTAM CLOTHES/SHOES. WIPE OFF EXCESS/FLUSH W/ SOAP/WTR. SEEK MED AID IF IRRITATE OCCURS. INHALE GROSS OVEREXPOSURE TO NUISANCE PARTICLES: IRRITATE RESPIRATORY TRACT. INGEST: NO VOMIT. IF VOMIT OCCURS KEEP HEAD BELOW HIPS; PREVENT ASPIRATION INTO LUNGS/ SEVERE DAMAGE. INDUCTION OF VOMIT DECIDED BY DR.

Fire Fighting

Flash Point Method: TCC
Flash Point: 20.0F, -6.7C
Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures: WARNING: FLAMMABLE. NO UNPROTECTED PERSONS. WEAR HELMET/FACE SHIELD/BUNKER COAT/GLOVES/RUBBER BOOTS/POSITIVE PRESSURE SCBA IN CONFINED FIRE SPACE.
Unusual Fire/Explosion Hazard: COOL CONTAINERS EXPOSED TO INTENSE HEAT W/ WATER TO PREVENT VAPOR PRESSURE BUILDUP/CONTAINER RUPTURE. COOL CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT W/WTR

Accidental Release

Spill Release Procedures: LG SPILLS: NO UNPROTECTED PEOPLE. WEAR APPROPRIATE CLOTHES. STOP LEAK IF SAFE. DIKE/CONTAIN. USE WATER FOG ON VAPOR CLOUD. CONTAIN RUN-OFF. REMOVE W/VACUUM TRUCKS/PUMP TO STORAGE/ SALVAGE VESSEL. SOAK UP RESIDUE/PUT IN NON-LEAK CONTAINERS FOR PROPER

Handling

Handling and Storage Precautions: KEEP LIQ AWAY FROM HEAT/SPARKS/FLAME. NO PILOT LIGHTS/CIGARETTES/SOURCES OF IGNITION. VAPORS CAN TRAVEL TO IGNITION SOURCES. CONTAINERS CLOSED.
Other Precautions: OF INTOXICATION/UNCONSCIOUSNESS/DEATH. CHRONIC OVEREXPOSURE: LOSS OF MEMORY/INTELLECTUAL ABILITY/COORDINATION. CONSULT DR/HOSPITAL/POISON CENTER/EMERGENCY FACILITY IMMEDIATELY.

Exposure Controls

Respiratory Protection: VENT AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS- AT LEAST 10 AIR CHANGES PER HOUR RECOMMENDED. IF EXPOSURES EXCEED PEL/TLV, APPROPRIATE NIOSH-APPROVED RESPIRATOR.
Ventilation: USE WITH ADEQUATE VENTILATION.
Protective Gloves: APPROPRIATE GLOVES TO PREVENT CONTACT
Eye Protection: SAFETY GLASSES/GOGGLES/FACE SHIELD
Other Protective Equipment: NO CONTACT LENSES. PROTECTIVE CLOTHING TO

PREVENT CONTACT. EYE WASH FOUNTAINS/SAFETY SHOWERS AVAILABLE.
Work Hygienic Practices:WASH W/SOAP/WTR BEFORE EATING/DRINKING/SMOKING/
USING TOILET. DO NOT REUSE CLOTHING UNTIL THOROUGHLY
DECONTAMINATED.

Supplemental Safety and Health

CONTAINERS, EVEN EMPTY CAN CONTAIN EXPLOSIVE VAPORS. DO NOT
CUT/DRILL/GRIND/WELD NEAR CONTAINERS. SURFACES THAT ARE
SUFFICIENTLY HOT MAY IGNITE PRODUCT IN THE ABSENCE OF SPARKS OR
FLAME.

Chemical Properties

HCC:F3

Vapor Density:>1 (AIR=1)

Evaporation Rate & Reference:Percent Volatiles by Volume:80.30

Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS, STRONG ALKALIES, AMINES, ALKANOLAMINES, ALKALI
METAL HYDROXIDES, CHLORINATED COMPOUNDS, ALDEHYDES.

Stability Condition to Avoid:N/K TO PREVENT WEAKENING OF CONTAINER
STRUCTURE.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE AND
UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

Disposal

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS
REGARDING DISPOSAL.DISPOSAL. FLUSH AREA W/WTR. SMALL: TAKE UP, PUT
IN NON-LEAK CONTAINER FOR PROPER DISPOSAL.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.