
EPOXY COATING, MIL-C-22750D #36231 PTB

MSDS Number

BLYYC

National Stock Number

8010-00-148-7091

Product Name

EPOXY COATING, MIL-C-22750D #36231 PTB

Manufacturer

STEELCOTE MFG CO

Product Identification

Product ID:EPOXY COATING, MIL-C-22750D #36231 PTB

MSDS Date:11/15/1991

FSC:8010

NIIN:00-148-7091

Kit Part:Y

MSDS Number: BLYYC

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

POLYMERS OF EPOXY RESIN AND BISPHENOL A

CAS: 25036-25-3

Fraction By Weight: 25-30%

OSHA PEL5 MG/M3 (TOTAL DUST)

ACGIH TLV: 5 MG/M3 (TOTAL DUST)

1-METHOXY-2-PROPANOL (SARA 313) (VAPOR PRESSURE 12.50 MM HG

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 5-10%

ACGIH TLV: 10PPM/150PPM STEL

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 10-15%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

ALUMINUM OXIDE

CAS: 21645-51-2

RTECS: BD0940000

Fraction By Weight: 1-5%

OSHA PELNONE ESTABLISHED

ACGIH TLV: 10 MG/M3(TOTAL DUST)

AMORPHOUS SILICA GEL

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight: 1-5%

OSHA PEL20 MPPCF

ACGIH TLV: 10 MG/M3(TOTAL DUST)

TALC

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 25-30%

OSHA PEL20 MPPCF

ACGIH TLV: 2 MG/M3 (TOTAL DUST)

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

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 1-5%

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: 1-5%

OSHA PELSKIN 100 PPM

ACGIH TLV: SKIN 5 PPM

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 1-5%

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

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

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 5-10%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM;300 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SANDING OR GRINDING DRIED FILM OR PRODUCT PRODUCES NUISANCE

RTECS: 9999999ZZ

OSHA PEL15MG/M3 TOTAL DUST*

ACGIH TLV: 10MG/M3 TOTAL DUST

ABSORBTION 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: MODERATELY IRRITATE. SKIN:

MODERATELY IRRITATE. PROLONGED CONTACT: DAMMAGE-SKIN. ABSORP:

SYMPTOMS SAME AS DESCRIBED IN INHALE/INGEST. DEFAT/DRY/DERMATITIS.

INHALE: IRRITATE: NOSE/ THROAT/RSPRTRY TRACT/MUSOUS MEMBRANE. CENT

NERV SYST DEPRESS/PERM BRAIN DAMAGE. INGEST: MODERATELY TOXIC.

NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:N/K ASPIRATION OF LIQUID INTO LUNGS

DURING INGESTION/VOMITING-SEVERE LUNG DAMAGE.
Effects of Overexposure:EYE: IRRITATE/PAIN/TEAR/RED/SWELL. SKIN:
IRRITATE/RED/SWELL/RASH. RSPRTRY: IRRITATE/RUNNY NOSE/SORE
THROAT/COUGH/ CHEST DISCOMFORT/SHORT BREATH/REDUCED LUNG FUNCTION.
GASTROINTESTINAL: IRRITATE/SORE T HROAT/ABDOMINAL
PAIN/NAUSEA/VOMIT/DIARRHEA. CENT NERV SYST DEPRESS:
HEADACHE/DIZZY/SYMPTOMS OF INTOXICATION
Medical Cond Aggravated by Exposure:PREEXISTING SKIN/EYE/RSPRTRY
DISORDERS. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTION.
UNCONSCIOUSNESS/DEATH. CHRONIC: LOSS OF MEMORY/LOSS OF INTELLECTUAL
ABILITIES/LOSS OF COORDINATION.

First Aid

First Aid:EYE: FLUSH W/WATER FOR 15 MIN HOLD EYELIDS OPEN. IMMED MED
AID. SKIN: WIPE OFF EXCESS, WASH W/SOAP/WATER. MED AID IF IRRITATE
OCCURS. INHALE: GROSS OVEREXPOSURE TO NUISANCE PARTS MAY CAUSE
IRRITATE TO RSPRTRY TRACT. INGEST: NO VOMIT. IF VOMIT OCCURS KEEP
HEAD BELOW HIPS, NO ASPIRATION INTO LUNGS. INDUCTION OF VOMITING
DECIDED BY DR. CONSULT DR/HOSPITAL/POISON CENTER/TRANSPORT TO
EMERGENCY CENTER.

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. CLEAR AREA-UNPROTECTED
PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE W/O HELMET/FACE
SHIELD/BUNKER COAT/GLOVES/RUBBER BOOTS/POSITIVE PRESSURE
Unusual Fire/Explosion Hazard:CNTNRS EXPOSED INTENSE HEAT-COOLED
W/WTR-- PREVENT VAPOR PRESSURE BUILDUP/CNTNR RUPTURE. CNTNR AREAS
EXPOSED-DIRECT FLAME CONTACT COOL W/WTR PREVENT

Accidental Release

Spill Release Procedures:LGE: NO UNPROTECTED PEOPLE. APPROP REPRTR/
PROTEC CLOTH. SHUT OFF LEAK IF SAFE. DIKE/CONAIN. WTR FOG--SUPPRESS
VAPOR CLOUD. CONTAIN RUN-OFF. REMOVE W/VACUUM
TRUCK/PUMP--STORAGE/SALVAGE VESSEL. SOAK UP RESIDUE W/ABSORB
(CLAY/SAND/SUIT MAT'L)

Handling

Handling and Storage Precautions:KEEP LIQUID/VAPOR FROM
HEAT/SPARKS/FLAME. NO PILOT LIGHT/CIGARETTES/HOT SURFACES/SOURCES
OF IGNITE UNTIL VAPORS GONE. VAPORS MAY TRAVEL DISTANCES
Other Precautions:TO IGNITION SOURCES. CONTAINERS CLOSED WHEN NOT IN
USE. ADEQUATE VENTILATION. CONTAINERS EVEN EMPTY CONTAIN EXPLOSIVE
VAPORS, NO CUT/DRILL/GRIND/WELD NEAR CONTAINERS.

Exposure Controls

Respiratory Protection:AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS-AT
LEAST 10 AIR CHANGES PER HOUR RECOMMENDED. IF EXPOSURE EXCEEDS
PEL/TLV, USE APPROPRIATE NIOSH/MSHA RESPIRATOR.
Protective Gloves:APPROPRIATE GLOVES PREVENT SKIN CONTACT
Eye Protection:SAFETY GLASSES/GOGGLES/SPLASH GUARDS
Other Protective Equipment:NO CONTACT LENSES. EYE WASH FOUNTAINS/SAFETY
SHOWERS AVAILABLE
Work Hygienic Practices:WASH W/SOAP/WATER BEFORE
EATING/DRINKING/SMOKING/ USING TOILET. REMOVE/WASH CONTAMINATED
CLOTHING BEFORE REUSE.
Supplemental Safety and Health
PRODUCT IS PRESUMED TO BE FETOTOXIC. CHRONIC OVEREXPOSURE MAY CAUSE
INJUDRY TO KIDNEYS/LIVER/DAMAGE TO LUNGS. OVEREXPOSURE TO DUST:
SLIGHT LUNG FIBROSIS. OVEREXPOSURE TO SILICA DUST: TISSUE RESPONSE
(PNEUMONITIS). OVEREXPOSURE TO TALC DUST: SCARRING OF THE LUNGS.

Chemical Properties

HCC:F3
Vapor Density:>1 (AIR=1)

Spec Gravity:11.53 LB/GL

Evaporation Rate & Reference:Percent Volatiles by Volume:50.69

Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS. STRONG ACIDS. AMINES/POLYAMINES/ POLYAMIDES UNDER UNCONTROLLED CONDITIONS.

Stability Condition to Avoid:N/K NIOSH-APPROVED SELF-CONTAINED

BREATHING APPARATUS. WEAKENING OF CONTAINER STRUCTURE.

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

Disposal

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL. PUT IN NON-LEAK CONTAINERS-DISPOSAL. FLUSH AREA W/ WTR--REMOVE RESIDUE. SMALL: TAKE UP W/ABSORB MATERIAL/PUT IN NON-LEAK CONAINERS/ SEAL TIGHTLY FOR PROPER DISPOSAL.

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