

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-250/25036-25-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

25036-25-3

Code:

F

RTECS:

Code:

X

Name:

BISPHENOL "A" EPOXY RESIN

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

N/P

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS/DUST. IF EXPOSURE EXCEEDS TLV USE NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:

USE VENTILATION AS REQUIRED TO CONTROL VAPOR/DUST CONCENTRATIONS.

Protective Gloves:

N/P

Eye Protection:

WEAR GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH EYES.

Other Protective Equipment:

Equipment DO NOT GET ON SKIN OR CLOTHING. EYE WASH FOUNTAINS AND SAFETY SHOES SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

Work Hygienic Practices:

OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health:

NO DATA PROVIDED BY MANUFACTURER

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL, RAT): N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

N/P

OSHA:

YES

Health Hazards Acute And Chronic:

TARGET ORGANS: EYES, SKIN, CNS, RESPIRATORY AND GI TRACTS (HMIS). ACUTE - EYE CONTACT: BASED ON PRESENCE OF COMPONENT 1, THIS PRODUCT IS EXPECTED TO BE MODERATELY IRRITATING TO EYES. SKIN CONTACT: BASED ON COMPONENT 3, PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO SKIN. PROLONGED CONTACT MAY CAUSE DAMAGE TO SKIN. MAY BE ABSORBED THROUGH SKIN. MAY CAUSE DERMATITIS. INHALATION: BASED ON PRESENCE OF COMPONENT 1, HIGH CONCENTRATIONS OF VAPOR MAY CAUSE CNS DEPRESSION. INTENTIONAL MISUSE

Explanation Of Carcinogenicity:

ANTIMONY TRIOXIDE IS LISTED BY NTP AND OSHA AS A CARCINOGEN OR POSSIBLE CARCINOGEN.

Signs And Symptoms Of Overexposure:

IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DROWSINESS, EYE REDNESS, TEARING, BLURRED VISION, SKIN CRACKING, DEFATTING, DRYING, DERMATITIS, UNCONSCIOUSNESS, WEAKNESS, FATIGUE, DIARRHEA, INSOMNIA, NERVOUS IRRITABILITY, DEATH

Medical Cond Aggravated By Exposure:

PREEEXISTING SKIN, EYE & RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

First Aid:

INHALED: MOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. SEEK MEDICAL HELP. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES. WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INGESTION: DO NOT GIVE LIQUID IF VICTIM IS UNCONSCIOUS OR VERY DROWSY. OTHERWISE, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING BY GIVING 30CC (2 TABLE

Spill Release Procedures:

CONTAIN LARGE SPILLS WITH DIKES AND PUMP INTO APPROPRIATE CONTAINERS FOR DISPOSAL. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS. ABSORB REMAINING MATERIAL OR SMALL SPILLS WITH AN INERT MATERIAL SUCH AS SAND, CLAY, EARTH. PLACE IN A CONTAINER FOR DISPOSAL. CLEAN AREA THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. PREVENT RUNOFF FROM ENTERING SEWERS OR WATERWAYS. REPORT SPILLS IF REQUIRED.

Neutralizing Agent:

NO DATA PROVIDED BY MANUFACTURER

Waste Disposal Methods:

REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

Handling And Storage Precautions:

STORE IN WELL VENTILATED AREA. STORE IN COOL PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS. KEEP AWAY FROM DIRECT SUNLIGHT, IGNITION SOURCES, AND INCOMPATIBLE MATERIALS.

Other Precautions:

FLAMMABLE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR DRILL. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. AVOID INGESTION.

Fire and Explosion Hazard Information

Flash Point Method:

SCC

Flash Point:

=6.7C, 44F

Flash Point Text:

44+-2 DEGREES F

Autoignition Temp:

Autoignition Temp Text:

N/P

Lower Limits:

N/P

Upper Limits:

N/P

Extinguishing Media:

4 USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE

Fire Fighting Procedures:

FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS, AND A POSITIVE PRESSURE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

Physical/Chemical Properties

HCC:

FF

NPC/State Lic No:

N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/P

Melt / Freeze Pt:

M.P/F.P Text:

N/P

Decomp Temp:

Decomp Text:

N/P

Vapor Pres:

N/P

Vapor Density:

>1

Volatile Org Content %:

Spec Gravity:

1.085

VOC Pounds/Gallon:

5.85

PH: 3.00

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

.00 (N-BUTYL ACETATE=1.5)

Solubility in Water:

N/P

Appearance and Odor:

N/P

83.43 +/- 2% Volatiles by Volume:

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Conditions To Avoid:

IGNITION SOURCES

MATERIALS To Avoid:

BASE ON THE PRESENCE OF COMPONENTS 1 AND 2 AND 3 AND 6 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF

COMPONENT 1, THIS PRODUCT IS EXPECTED TO BE MODERATELY IRRITATING TO EYES. SKIN CONTACT: BASED ON COMPONENT 3,

PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO SKIN. PROLONGED CONTACT MAY CAUSE DAMAGE TO SKIN. MAY BE

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