



MATERIAL SAFETY DATA SHEET

Reviewed & Approved by,
Dr. P. Arjunan, Vice President – R&D

1. PRODUCT IDENTIFICATION

TRADE NAME : **LATAPOXY[®] 270 Epoxy Adhesive - PART B**

MANUFACTURER'S NAME : MYK LATICRETE INDIA PVT. LTD
8-2-703/A, 4th floor, Leela Gopal Towers
Road No-12, Banjara Hills,
Hyderabad – 500034
Tel: +91-40-30413100

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER(SPECIFY)
Liquid Epoxy Resin	25068-38-6	60-80	N/A	N/A	N/A
Reactive diluent	25068-38-6	0-20	N/A	N/A	N/A
Polymer of Bisphenol A & Epichlorohydrin	054208-638	0-20	N/A	N/A	N/A
Magnesium Aluminium silicate	-----	<50	N/A	N/A	N/A

N/A = Not applicable or available

3. HEALTH HAZARD INFORMATION

Symptoms of overexposure for each potential route of exposure (Possible Longer Term Effects):

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : May cause irritation of respiratory tract

Contact with skin or eyes : Minor transient irritation for eye contact. No corneal injury likely.

May cause allergic skin reaction. Prolonged exposure not likely to cause skin irritation. Skin sensitizer

Absorbed through skin : Not likely to absorb through skin in toxic amount in a single prolonged exposure LD 50 for skin absorption for rabbit = 20,000 mg/kg.

Swallowed : Causes gastrointestinal irritation and possible burns if swallowed

Suspected cancer agent : NO

This product's ingredients are not found in the lists below.

Federal OSHA : NO

NTP: NO

IARC: YES

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact : Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Consult medical personnel. Stain for evidence of corneal injury.

Skin Contact : Contact will probably cause no more than irritation. Wash off in flowing water or shower. Wash clothing before reuse.

Inhaled : If inhaled, remove to fresh air. If effects occur consult a physician

Swallowed : Do not induce vomiting. Call a physician

5. FIRE AND EXPLOSION

Flash Point , °F : 245, method used = PMCC

Auto ignition temperature, °F : N/A

Flammable limits in air, volume % : Lower (LEL): N/A Upper (UEL):N/A

Fire extinguishing materials :

Water spray : √ Carbon dioxide : √ other: N/A

Foam : √ Dry chemical : √

Special fire fighting procedures : Wear positive pressure self contained breathing apparatus

Unusual fire and explosion hazards : N/A

6. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Soak up in absorbent material or scrape up. Residual can be removed with hot water and a nonionic surfactant. Wear goggles, rubber gloves, long sleeved clothing.

Preparing wastes for disposal (container types, neutralization, etc.): Burn in adequate incinerator or bury in an approved landfill.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations

7. HANDLING AND STORAGE

Store in cool dry area

8. EXPOSURES CONTROL AND PERSONAL PROTECTION

Ventilation and engineering controls : Good room ventilation should be adequate for most operations

Respiratory protection (type) : None normally needed

Eye protection (type) : Chemical splash proof goggles or safety glasses

Gloves (specify material) : Rubber or polyethylene gloves

Other clothing and equipment : Clean, body – covering clothing

Work practices, hygienic practices : N/A

Other handling and storage requirements: N/A

Protective measures during maintenance of contaminated equipment: See above.

9. PHYSICAL PROPERTIES

Vapor density (air=1) : N/A Melting point or range, °F : N/A

Specific gravity @25⁰C : 1.335 Boiling point or range, °F : N/A

Solubility in water : Slightly soluble Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C : N/A

Appearance and odor : Dark brown thick paste

HOW TO DETECT THIS SUBSTANCE (Warning properties of substance as a gas, vapor, dust, or mist): N/A

10. REACTIVITY DATA

Stability : Stable

Conditions to avoid : Excess heating over long periods of time degrades resin

Incompatibility (materials to avoid) : Base

Hazardous decomposition products (Including combustion products): Incomplete pyrolysis or combustion results in phenolics, carbon dioxide, and water. Thermal decomposition should be traced as a potentially hazardous substance.

Hazardous polymerization : Will not occur

Conditions to avoid : N/A

11. TOXICOLOGY INFORMATION

LD 50 for skin absorption for rabbits =20,000 mg/kg

12. ECOLOGICAL INFORMATION

None known

13. DISPOSAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Land transport (USDOT)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epichlorohydrin/Cardanol based Epoxy Resin). Hazard class: 9 ID number: UN 3082, Packing group: III

Sea transport (IMDG)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epichlorohydrin/Cardanol based Epoxy Resin). Hazard class: 9 ID number: UN 3082, Packing group: III

Air transport (IATA/ICAO)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epichlorohydrin/Cardanol based Epoxy Resin). Hazard class: 9 ID number: UN 3082, Packing group: III

15. REGULATORY INFORMATION

All ingredients are listed on the U.S.EPA TSCA inventory of chemical substances

16. OTHER INFORMATION

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