

MATERIAL SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE PRODUCT AND NAME OF THE COMPANY/UNDERTAKING

TRADE NAME : **PUA 212 - PART B**

MANUFACTURER'S NAME : MYK LATICRETE INDIA PVT. LTD
8-2-703/A, 4th floor, Leela Gopal Towers
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2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER(SPECIFY)
Liquid Epoxy Resin	25068-38-6	5-30	N/A	N/A	N/A
Reactive diluents	68609-97-2	0-5	N/A	N/A	N/A
Mineral Fillers	471-34-1	40-80	N/A	N/A	N/A

N/A = Not applicable or available

3. HEALTH HAZARD INFORMATION

3.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof: Properties / Symbols:

X Xi

Irritant

R Phrases:

R43 May cause sensitization by skin contact.

R52/53 Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

EC regulation criteria 1272/2008 (CLP):

- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.

◊ Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects: No other hazards

3.2. Label elements
Symbols:



Warning

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P264 Wash ... Thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection

3.3. Other hazards

vPvB Substances: None

Other Hazards: No other hazards

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 without delay. 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.
vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

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 Media :

Water spray : √ Carbon dioxide : √ other: N/A
Foam : √ Dry chemical : √

Special hazards arising from the substance or mixture Do not inhale explosion and combustion gases. Burning produces heavy smoke.

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

Unusual fire and explosion hazards : N/A

Move undamaged containers from immediate hazard area if it can be done safely

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.

Suitable material for taking up: absorbing material, organic, sand

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

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
Incompatible materials: None in particular.
Instructions as regards storage premises: Adequately ventilated premises
Store in cool dry area

7.3. Specific end use(s)

Epoxy-polyurethane adhesive
Flexible bicomponent glue

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

Protection for Skin : Safety shoes & Disposable suit (Body covering).

Work practices, hygienic practices : N/A

11. PHYSICAL PROPERTIES

Vapor density (air=1) : N/A

Specific gravity @25°C : 1.65 Melting point or range, °F : N/A

Solubility in water : No Boiling point or range, °F : N/A

Vapor pressure, mmHg at 20°C : N/A Evaporation rate (butyl acetate = 1) : N/A

Solid/gas flammability : N/A Oxidizing properties : N/A

Auto-ignition temperature : 350°C Explosive properties : N/A

Appearance and odor : Thixotropic 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

Toxicological information of the mixture: N.A

Oral LD 11400mg/kg for rat

Skin LD > 2000 mg/Kg for Rabbit

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Adopt good working practices, so that the product is not released into the environment.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. N.A.

12.2. Persistence and degradability: None

12.3 Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.4 Other adverse effects: None

13. DISPOSAL INFORMATION

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

14. TRANSPORT INFORMATION

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class (es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant : No

14.6 Special precautions for user: NA

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: NA

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

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