

MATERIAL SAFETY DATA SHEET

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

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME : SP100 PART B
CHEMICAL NAME/ FAMILY : Epoxy Grout Resin
Manufacturer details : MYK LATICRETE INDIA PVT. LTD
Plot No. 30/C (Sy. No. 83/1), Orbit Building, 17th Floor, Tower 1,
Knowledge City, TSIC, Raidurg, Ranga Reddy Dist.,
Hyderabad - 500 081, Telangana, India. (T.S) Tel: +91-40-6817 310
Emergency Contact Number: +91 40 68173100

Recommended use of the chemical: Stain free epoxy grout for Interior & covered exterior floor & wall.

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit.2 H315 Causes skin irritation
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens.1 H317 May cause an allergic skin reaction.

2.2 Label elements

GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms



GHS07

GHS09

Signal word Warning

**Hazard statements**

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.
- P302+P352 If on skin: Wash with plenty of water.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment (see on this label).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P363 Wash contaminated clothing before reuse.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No. Description

25068-38-6 Reaction product: Bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight ≤ 700)

4. FIRST AID MEASURES

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

In case of inhalation:

Supply fresh air, and to be sure call for a doctor.

In case of unconsciousness place patient stably inside position for transportation.

In case of skin contact: immediately wash with water and soap and rinse thoroughly.

In case of eye contact:

Rinse opened eyes for several minutes under running water. If symptoms persist, consult a doctor.

In case of swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed.



5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:

CO₂, extinguishing powder or waste spray. Fight larger fires with water spray.

Use firefighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents: Water with full jet.

Special hazards arising from the substance or mixture No further relevant information available.

Advise for firefighters

Protective equipment: Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment, keep unprotected people away.

Environmental precautions:

Do not allow product to reach sewage or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling

Ensure good ventilation/ exhaustion at the workplace.

Prevent formation of aerosols.

Information about protection against explosions and fires: Keep ignition sources away – Do not smoke.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility:

Do not store together with oxidizing and acidic materials as well as heavy metal compounds.



8. EXPOSURES CONTROL AND PERSONAL PROTECTION

Additional information about the design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all solid and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:

Protective gloves: The gloves material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection: Safety glasses

Body protection: Protective work clothing



9. PHYSICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form : Viscous Liquid
Color : Semi-Transparent to white color
Odor : Characteristic odor

Vapor density (air=1)	: N/A	Melting point or range,	: Undetermined.
Specific gravity @25°C	: 1.14	Boiling point or range, °C	: >252
Solubility in water	: Insoluble	Evaporation rate (butyl acetate = 1):	N/A
Vapor pressure, mmHg at 20°C	: N/A	Viscosity (BF)	: 2000-3500cP

10. STABILITY AND REACTIVITY

Stability : Stable

Incompatibility (materials to avoid) : Acids, Bases, Amines and oxidizing agent.

Hazardous decomposition products : Carbon monoxide and carbon dioxide

Possibility of hazardous reactions : Reacts with alcohols, amines, aqueous acids and alkalies.

Conditions to avoid : N/A

11. TOXICOLOGY INFORMATION

Toxicological information of the mixture: N.A

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization: Sensitization possible through skin contact.

LD 50 for skin absorption for rabbits >2000 mg/kg (rabbit)



12. ECOLOGICAL INFORMATION

Toxicity

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

Persistence and degradability: N/A

Bio accumulative potential: N/A

Mobility in soil: N/A

Ecotoxicological effects:

Remark: Toxic for fish

Additional ecological information:

General notes:

Water hazard class 2 (Assessment by list): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

13. DISPOSAL INFORMATION

Waste treatment methods

Recommendation:

Must not be disposed of together with household waste. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Land transport (UNDOT)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Reaction product: Bisphenol-A- (epichlorohydrin/ 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.
(Reaction product: Bisphenol-A- (epichlorohydrin/ 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.
(Reaction product: Bisphenol-A- (epichlorohydrin/ Epoxy Resin). Hazard class: 9 ID number: UN
3082, Packing group: III

Environmental hazards:

Marine pollutant: Y

15. REGULATORY INFORMATION

Safety, health and environmental regulations /legislation specific for the substance or mixture.

GHS label elements

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Hazard pictograms



GHS07

GHS09

Signal word Warning

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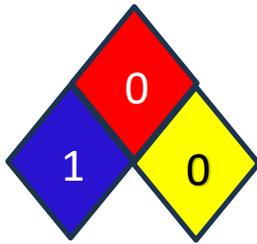
16. OTHER INFORMATION

Disclaimer: The information in this MSDS was obtained from sources which we believe are reliable but cannot guarantee. Additionally, your use of this information is beyond our control and may be beyond our knowledge. Therefore, the information is provided without any representation or warranty express or implied.

List of abbreviations:

PBT : Persistent, bioaccumulative, toxic
vPvB : Very persistent, very bioaccumulative
VOC : Volatile organic compounds
TDG : Transportation of Dangerous Goods
IATA : International Air Transport Association
ICAO : International Civil Aviation Organization
IMDG : International Maritime Danger

NFPA ratings (scale 0 - 4)



Health = 1
Fire = 1
Reactivity = 0