SAFETY DATA SHEET

Issue date: 1 September 2024

Section 1: Identification

Product Name: EPOXY PRIMER-HARDENER
Product Code: 7.8P-HARDENER
Chemical Name/Synonyms: EPOXY RESIN
Company: SABRE PAINTS(PTY)LTD,55 TREDOUX STREET,BEACONVALE,PAROW,SOUTH AFRICA
In emergency call: 021-931 7231
For information about this SDS: phone#**:** 021-931 7231, e-mail:admin@sabre.co.za

Section 2: Hazard(s) Identification

Hazard Classification:
Skin irritation - Category 2
Eye irritation - Category 2B
Skin sensitisation - Sub-category 1B
The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.
Signal Word(s): Warning
Hazard Statements:
Flammable liquid and vapour.
May cause drowsiness or dizziness.
Causes damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.
Pictograms:

Precautionary Statements: Keep out of reach of children. If medical advice is needed, have product container or label at hand. Wear protective clothing.
Other hazards which do not result in classification: No data available

SABS ISO 9001
GREEN BUILDING COUNCIL
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Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Propane, 2,2-bis[p-(2,3-epoxypropoxy) phenyl]	Epoxy Resin	25068-38-6	90-100%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

After skin contact: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watch bands.
After eye contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist. Suitable emergency eye wash facility should be available in work area.
After inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
After swallowing: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective. Water fog, applied gently may be used as a blanket for fire extinguishment.
Unsuitable extinguishing media: Do not use direct water stream. May spread fire.
Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.
Hazardous combustion products: Decomposition products may include carbon monoxide, carbon dioxide, phenolics.

Section 6: Accidental Release Measures

Personal precautions: Put on appropriate personal protective equipment.
Measures for environmental protection: Avoid runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
Measures for cleaning/collecting: Contain spilled material if possible. Absorb with materials such as: Sand. Polypropylene fiber products. Polyethylene fiber products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Residual can be removed with solvent. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent Safety Data Sheet for handling information and exposure guidelines. Dispose of via a licensed waste disposal contractor.

Section 7: Handling and Storage

Handling: Put on appropriate personal protective equipment Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating and drinking. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Spills of these organic materials on hot fibrous insulations may lead to lowering of the auto ignition temperatures possibly resulting in spontaneous combustion. Do not reuse container.
Storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure Controls/Personal Protection

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
General protective and hygienic measures: Use respirator and eye protection.
Breathing equipment: In case of insufficient ventilation, use suitable respiratory protection.
Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Protection of hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times. Consider the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.
Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
Eye/face protection: Chemical splash goggles. Avoid direct contact.

Section 9: Physical and Chemical Properties

Form: Viscous Liquid
Odor: Mild to odorless
Odor threshold: n/d
Flash point: >260 deg Celcius
Relative density: approximately 1.1
Solubility in/Miscibility with water: Insoluble

Section 10: Stability and Reactivity

Reactivity: No reactivity data is available.
Chemical stability: Product is stable.
Possibility of hazardous reactions: Under normal conditions of storage and use, no hazardous reaction will occur.
Conditions to avoid: When exposed to high temperatures may produce hazardous decomposition products.
Incompatible materials: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, alkalis, acids, amines.
Hazardous decomposition products: Decomposition products may include the following materials: carbon monoxides, phenolics and water.

Section 11: Toxicological Information

No carcinogenic, mutagenic or genetic effects established.
No data available on toxicity levels.
Potential acute health effects:
Inhalation: At room temperature, exposure to vapour is minimal due to low volatility. Vapour from heated material, mist or aerosols may cause respiratory irritation.
Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Skin contact: Prolonged skin contact is unlikely to result in absorption of harmful amounts.
Eye contact: Causes serious eye irritation.
General:
Skin corrosion/irritation: Prolonged contact may cause skin irritation with local redness. Repeated contact may cause skin irritation with local redness.
Serious eye damage/eye irritation: May cause eye irritation. Corneal injury is unlikely.
Sensitization: For similar material(s): Has caused allergic skin reactions in humans.
For respiratory sensitization: No relevant data found.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Section 12: Ecological Information

Ecotoxicity: No data available.
Mobility: Not available.
Biodegradation: Not available.
Bioaccumulation: Not available.
Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal Considerations

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14: Transport Information

UN number: UN1263
Transport Hazard class: 3
Packaging group: lll
Special precautions for user: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH)
List of substances subject to authorisation: None of the components are listed.
Substances of very high concern: None of the components are listed.
Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable
Other national and international regulations: Not listed

Section 16: Other Information

Key to abbreviations :
ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number

Full text of abbreviated H statements
H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Disclaimer
The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.