

Section 1. Product and Company Identification

Product Name: EP 400 Epoxy Putty
Supplier: CSNRI | 621 Lockhaven Drive. Houston, TX 77073 | +1 281.590.8491
Emergency Phone Number: 800.424.9300 (CHEMTREC)
 +1 703.741.5970 (Outside the US)
Product Description: Hand kneadable, non-shrinking epoxy putty
Product Use: Designed for repairs to hard surfaces

Section 2. Hazards Identification

Classification of the substance or mixture

Acute toxicity / oral – Category 4
 Skin corrosion / irritation – Category 2
 Sensitization / skin – Category 1
 Eye damage / irritation – Category 2
 Aquatic hazard (Chronic) – Category 2

Hazard Pictograms:



Signal word: Warning

Hazard statements:

H302 Harmful if swallowed.
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P273 Avoid release to the environment.
 P301 + P312 IF SWALLOWED: Call a Poison Center / doctor if you feel unwell.
 P302 + P352 IF ON SKIN: Wash with plenty of water.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Other Hazards: None known.

Section 3. Composition/Information on Ingredients

Mixture:

Ingredient	CAS No.	% by Weight
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2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	30 – 60
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	25068-38-6	30 – 60
Mercaptan Terminated Polymer	Trade Secret	N/A

Section 4. First Aid Measures

First Aid Measures for Accidental:

General advice: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

Inhalation: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Skin contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Eye contact: Flush with plenty of water, occasionally lifting upper and lower eyelids. Remove contact lenses. Contact physician if irritation persists.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give large quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed: Prolonged skin or eye exposure may cause irritation, sensitization. May cause slight eye irritation.

Section 5. Fire-fighting Measures

Suitable extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray. Use firefighting measures that suit the environment.

Unsuitable extinguishing media: High volume water jet.

Specific hazards during fire-fighting: Do not allow run-off from fire-fighting to enter drains or water courses.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for fire-fighting if necessary.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and material for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.



Section 7. Handling and Storage

Precautions for Safe Handling: Wear impervious gloves when mixing or handling uncured product. Avoid contact with eyes and skin. If sanding cured putty or substrates, wear eye protection and dust mask. For prolonged exposure to sanding dust, wear a half face respirator with dust filters. Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, face shield and gloves. Professionally launder contaminated clothing before re-use.

Conditions for safe storage: Store in original container protected from direct sunlight in a cool, dry, well ventilated area <86°F (<30°C). Shelf Life: ~1 years (in original tube with cap on)

General: The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

Section 8. Exposure Controls/Personal Protection

Appropriate Engineering Controls: Ventilation must be adequate for most operations. Use local exhaust or other engineering controls to control concentrations during prolonged sanding operations.

Exposure Limits: No exposure limit noted for the ingredients.

Personal Protective Equipment:

Respiratory protection: None required unless sanding or abrading. If sanding or abrading, wear a NIOSH approved air-purifying respirator with an organic vapor cartridge if using in an unventilated area.

Eye protection: Safety glasses with side shields.

Skin protection: Wear chemical protective clothing e.g. gloves, coveralls. Appropriate impervious gloves.

Other: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9. Physical and Chemical Properties

Appearance:	Gray, White, semi-solid
Odor:	Mercaptan
Threshold:	Not available
pH:	Not applicable
Melting point/freezing point:	Not available
Initial boiling point and range:	N/A
Flash point:	None
Evaporation rate	Not available
Flammability limits:	Not available
Conditions of flammability:	Not available
Explosive properties:	Not available
Vapor pressure:	Not available
Density:	Not available
Relative density (H2O = 1):	1.9
Solubility in water:	Insoluble in cold and hot water
Auto-ignition temperature:	Not available
Decomposition Temperature:	No data available
Coefficient of water/oil distribution:	Not available
Volatile organic compounds:	(VOC) Content
(Theoretical percentage by weight):	0

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Normally stable.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: No data available

Incompatible materials: No data available.

Hazardous decomposition products: No data available

Section 11. Toxicological Information

Toxicity:

Likely Routes of Exposure: Skin absorption; eye contact.

Eye contact: May cause moderate eye irritation.

Ingestion: May cause irritation of the gastrointestinal tract and digestive discomfort.

Inhalation: Dusts released from sanding hardened putty may cause irritation to the respiratory tract.

Skin contact: Prolonged or repeated skin contact may cause irritation and allergic skin reaction or sensitization.

STOT (Specific Target Organ Toxicity) - single exposure: No data available

STOT (Specific Target Organ Toxicity) – repeated exposure: No data available

Carcinogenicity: Not known to cause cancer. No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Reproductive Toxicity: Not known to harm the unborn child.

Section 12. Ecological Information

Ecotoxicity Effects: Toxic to aquatic life with long lasting effects.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13. Disposal Considerations

Waste disposal method: This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground.

Uncleaned packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance to all local, state, national and/or international legislation/regulations.

Section 14. Transport Information

DOT: Non-Regulated

OCEAN (IMDG): Non-Regulated

AIR (IATA): Non-Regulated

WHMIS (CANADA): Non-Regulated

Section 15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Carcinogenicity: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Toxic Substances Control Act (TSCA):All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 16. Other Information

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