

**Section 1. Product and Company Information**

Product Name: Trident-Seal 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: Putty
Product Use: Intended to repair pipes.
Chemical Name or Synonym: N/A

Section 2. Hazards Identification**Classification of the substance or mixture:**

Skin corrosion/irritation – Category 3

Eye damage/irritation – Category 2B

Pictogram: No symbol**Hazard Statements:**

H316 Causes mild skin irritation.

H320 Causes eye irritation.

Signal Word: Warning**Precautionary Statement:**

P264 Wash eyes thoroughly after handling

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: get medical attention.

Hazard Rating - HMIS (R):

Health Hazard: 1

Fire: 0

Physical Data: 0

Section 3. Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Talc	14807-96-6	30-60
Glycidyl ether of bisphenol A	25036-25-3	7-23
Bisphenol-A-epichlorhydrin, epoxy resin	25068-38-6	5-20
Silica, crystalline quartz	14808-60-7	0.1-1

Section 4. First Aid Measures**Inhalation:** Vapors are unlikely due to physical properties**Ingestion:** No emergency medical treatment necessary.**Eye Exposure:** Flush eyes thoroughly with water for several minutes. If effects occur, consult a physician, preferably an ophthalmologist.**Skin Exposure:** Wash skin with plenty of soap and water.**Most important symptoms/effects, acute and delayed:****Inhalation:** Vapors are unlikely due to physical properties**Skin contact:** A single exposure not likely to cause skin irritation.



Eye contact: May causes moderate eye irritation.

Ingestion: No specific data

Over-exposure signs/symptoms:

Inhalation: No specific data

Skin contact: Prolonged and repeated contact may cause skin irritation with local redness.

Note to physician: Consider additional thorough skin wash with mild, non-abrasive soap and plenty of warm water for at least fifteen minutes.

Section 5. Fire Fighting Measures

Extinguishing Media: Foam, alcohol foam, CO₂, dry chemical, water fog.

Special Fire Fighting Procedures: Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Water should not be used except as fog to keep nearby containers cool.

Special Protective Equipment for Fire-fighters: Fire Fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

Specific hazard arising from the chemical: No specific fire or explosion hazard

Hazardous Decomposition Materials (Under Fire Conditions): Decomposition products may include carbon dioxide, carbon monoxide and oxides of nitrogen.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Provide adequate ventilation. Put on appropriate personal protective equipment.

Cleanup and Disposal of Spill: Dispose of in normal manner in accordance to all applicable state, federal, and local laws. Not a hazardous waste.

Section 7. Handling and Storage

Precautions for Safe Handling: No special precautions needed. Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Professionally launder contaminated clothing before use. Do not reuse empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

Conditions for Safe Storage including any incompatibilities: Do not store above 90°F. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area.

Section 8. Exposure Controls / Personal Protection

Exposure Guidelines:

Component	Exposure limits		
	ACGIH	NIOSH	OSHA-PELs
Talc (14807-96-6)	2 mg/m ³	N/A	N/A
Glycidyl ether of bisphenol A (25036-25-3)	N/A	N/A	N/A
Bisphenol-A-epichlorhydrin, epoxy resin (25068-38-6)	N/A	N/A	N/A
Silica, crystalline quartz (14808-60-7)	0.025 mg/m ³ (respirable)	N/A	30 mg/m ³ /%SiO ₂ +2 TWA (Total dust) 250 mppcf/%SiO ₂ (respirable)



			or 10 mg/m ³ /‰SiO ₂ +2 (respirable)
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Appropriate Engineering Controls: No special ventilation requirements. Use to keep exposures below recommendations. Use if materials heated above 100 °F.

Personal Protective Equipment:

Respiratory Protection: None required in a well-ventilated area.

Eye / Face Protection: Safety glasses or goggles.

Skin Protection: Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for the specific operation.

Section 9. Physical and Chemical Properties

Physical Appearance:	Yellow putty
Odor:	Mercaptan/Sulfur
Odor Threshold:	Not available
pH:	Not available
Flash Point:	>200°F
Method Used:	Setaflash Closed cup ASTM E502
Flammability (solid, gas):	Not available
Flammability Limits (vol/vol%):	Lower: N/A Upper: N/A
Melting Point Range:	Not available
Boiling point:	Not available
Evaporation Rate:	<1 (Butyl Acetate = 1)
Specific Gravity:	0.14901
Viscosity:	Not available
Solubility:	Not available
Water Solubility:	Insoluble
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	Not available
Partition coefficient (n-octanol/water):	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Volatile Organic Compound:	<0.1%

Section 10. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Hazardous Polymerization: Will not occur

Chemical Stability: Stable

Possibility of Hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data

Incompatible Materials/Chemicals: No specific data

Hazardous Decomposition Products: Carbon dioxide, aldehydes, acids, oxides of nitrogen

**Section 11. Toxicological Information****Potential Acute Health Effects**

Acute Eye Irritation: Moderate eye irritation.

Acute Skin Irritation: May cause an allergic skin reaction.

Acute Ingestion Toxicity: No known significant effects or critical hazards.

Acute Inhalation Toxicity: No known significant effects or critical hazards.

Symptoms:

Eye contact: No specific data

Inhalation: No specific data

Skin contact: Adverse symptoms may include irritation, redness

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

Chronic Health Effects:

Carcinogenicity: Quartz, CAS 14808-60-7. Oral LD50 (rat): 500 mg/kg

Bisphenol A, CAS 25068-38-6 Oral LD50 (rat): 11400mg/kg

Mutagenicity: No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long-term exposure:

Short term exposure: A single exposure not likely to cause skin irritation

Long term exposure: Prolonged and repeated contact may cause skin irritation with local redness.

Section 12. Ecological Information

Ecotoxicity: No specific data

Persistence and degradability: No specific data

Bioaccumulative potential: No specific data

Mobility in soil: No available

Other adverse effects: No known significant effects or critical hazard

Section 13. Disposal Considerations

Waste treatment methods: Discard any product, residue, disposable container or liner in full compliance with Federal, State, and Local regulations. Not classified as a hazardous waste.

Uncleaned packaging: Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur. Dispose of container and unused contents in accordance with Federal, State, and Local regulations.

Section 14. Transport Information**US Department of Transportation (DOT):**

Shipping Name: Not regulated

Technical shipping name: Not Applicable

U.N. number: Not Applicable

Hazard class: Not Applicable

Packing group: Not Applicable

Section 15. Regulatory Information

Federal Regulations TSCA: All ingredients are TSCA listed



OSHA: Not OSHA regulated
CERCLA: SARA Hazard Category: Not regulated

International regulations:

Canadian WHMIS: DB2 skin sensitizer
EINECS: EINECS listed.

State regulations:

California Proposition 65: This product contains the following chemicals known to the state of California to cause cancer or reproductive toxicity

Section 16. Other Information

Key Legend Information:

N/A – Not Applicable
ND – Not Determined
ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
TLV – Threshold Limit Value
PEL – Permissible Exposure Limit
TWA – Time Weighted Average
NIOSH – National Institute for Occupational Safety and Health

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