

### 1. Identification of Product & Company

**Product Name:** JUST FOR COPPER EPOXY PUTTY

**Article Number:** 31057

**Product type:** Epoxy Mixture

**Manufacturer/Supplier:** Highside Chemicals, Inc.  
11114 Reichold Road  
Gulfport, MS 39503  
Phone (228) 896-9220 or 1-800-359-5599

**Information Department:** [admin@highsidechem.com](mailto:admin@highsidechem.com) **Website:** [www.highsidechem.com](http://www.highsidechem.com)

**Emergency Information:** ChemTel Inc.  
1-800-255-3924, +1(813)248-0585

### 2. Hazard Identification

**Classification of the mixture:** Skin Irritation – Category 2  
Eye Irritation – Category 2A  
Skin Sensitization – Category 1  
Hazardous to the aquatic environment – Category 1  
Acute Toxicity Oral – Category 4

**Hazard Pictograms:**



**Signal Word:** Warning

**Hazard Statement:** H315-Skin Irritation H320-Eye Irritation  
H317-Skin Sensitization H302-Harmful if swallowed  
H402 – Harmful to aquatic life

**Precautionary Statement:** P270 – Do not eat, drink or smoke when using this product.  
P271 – Use only in well ventilated area.  
P280 – Wear eye protection and protective gloves.  
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.  
P501 – Dispose of contents/container according to local, regional, national, and international regulations.

**Other Hazards:** No additional information available.

**NFPA ratings (scale 0 – 4):**



Health = 2, Fire = 1, Reactivity = 0

**HMIS ratings (scale 0 – 4):**



Health = 2, Fire = 1, Reactivity = 0

### 3. Composition/Information on Ingredients

<b><u>Chemical Name:</u></b> Epoxy Resin	<b><u>CAS No. Description:</u></b> 25068-38-6
<b><u>Chemical Name:</u></b> Talc	<b><u>CAS No. Description:</u></b> 14807-96-6
<b><u>Chemical Name:</u></b> Copper Powder(flake)	<b><u>CAS No. Description:</u></b> 7440-50-8

### 4. First Aid Measures

<b>After inhalation:</b>	Supply fresh air and be sure to call for a doctor.
<b>After skin contact:</b>	Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Launder contaminated clothing before re-use.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water. Seek medical attention if irritation develops.
<b>After swallowing:</b>	Do not induce vomiting; immediately call for medical help.

### 5. Fire Fighting Measures

**Suitable extinguishing agents:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Cartridge respirators do not provide adequate protection for fire fighters or exotherm mitigation. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

**Unusual fire or explosion hazards:** May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.

**Hazardous combustion products:** Oxides of carbon and nitrogen, and undetermined organics.

### 6. Accidental Release Measures

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental protection:** Do not allow product to enter sewers/surface or ground water. Wear appropriate protective equipment and clothing during clean-up. Prevent further leakage or spillage if safe to do so.

**Clean-up methods:** For large spills absorb onto inert absorbent material and place in sealed container for disposal. Dispose of according to Federal, State and local governmental regulations.

## 7. Handling and Storage

**Handling:** Ensure good ventilation/exhaustion at the workplace. Protect from heat. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.

**Storage:** For safe storage, store at or below 72°F (22°C). Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

For information on product shelf life, please review Technical Data Sheet.

## 8. Exposure Controls and Personal Protection

**Engineering Controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

**Protection of hands:** The glove material has to be impermeable and resistant to the product/substance/preparation.



Protective Gloves

**Eye protection:** Wear safety glasses; chemical goggles (if splashing is possible).



Eye protection must be worn

Safety Glasses

**Body protection:** Protective work clothing and boots.

## 9. Physical and Chemical Properties

### General information:

**Form:** Dough  
**Color:** Copper  
**Odor:** Slight

### Change in condition:

**Melting point/Melting range:** Undetermined

**Boiling point/boiling range:** Not Determined

**Flash point:** >500°F

**Ignition temperature:** Undetermined

**Danger of explosion:** Not applicable

**Vapor pressure at 72°F:** <1 mm Hg

**Density at 72°F:** 14.34 lbs/gal - **Specific Gravity:** 1.72

**Solubility in/miscibility with Water:** Slight

**Percent Solids:** 100% - **Percent Volatiles:** 0%

## **10. Stability and Reactivity**

**Stability:** Stable at normal conditions.

**Hazardous reactions:** Under normal conditions of storage and use, hazardous reactions should not occur.

**Hazardous decomposition products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons and undetermined organics.

**Dangerous reactions:** In normal storage hazardous reaction will not occur, reacts with amines.

**Incompatible materials:** Keep away from strong oxidizing agents, strong Lewis or mineral acids.

**Reactivity:** Not available.

**Conditions to avoid:** Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Failure to observe this precaution may result in excessive heat build-up causing exotherm.

## **11. Toxicological Information**

**Relevant routes of exposure:** Skin, Inhalation, Eyes and Ingestion

**Potential Health Effects/Symptoms:**

Inhalation: May cause respiratory tract irritation.

Skin contact: This product may cause irritation to the skin. This product may cause an allergic skin reaction.

Eye contact: This product may cause irritation to the eyes.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## **12. Ecological Information**

**Toxicity:** Harmful to aquatic life, however, no evidence is currently available on this product's effects.

**Information about elimination (persistence and degradability):** Not easily biodegradable.

**13. Disposal Considerations**

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**Hazard waste number:** Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

**14. Transport Information**

**Land Transport (DOT):** Not Regulated

**Marine Transport (IMDG):** UN Number 3082 Class: 9 Packing Group: III  
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)  
(Bisphenol-A/epichlorohydrin epoxy resin)

**Air Transport (IATA):** UN Number 3082 Class: 9 Packing Group: III  
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)  
(Bisphenol-A/epichlorohydrin epoxy resin)

**15. Regulations .**

United States Regulatory Information

**TSCA 8 (B) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification:** No reportable components

**CERCLA/SARA Sec. 302 EHS:** No reportable components

**CERCLA/SARA Sec. 311/312:** Immediate Health, Delayed Health

**CERCLA/SAFA Sec. 313:** No reportable components

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information:**

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

**16. Other Information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Information source and references:** No Data