

# Material Safety Data Sheet

**PC CRETE EPOXY PUTTY**

**MSDS No. 90831-69**

Date of Preparation: 8-31-2009

Revision: 7

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** PC CRETE EPOXY PUTTY

**Chemical Formula:** Mixture

**CAS Number:** Mixture

**General Use:** Adhesive

**Manufacturer:** Protective Coating Company, 221 S. Third St., Allentown, PA 18102-4922, Phone (610)432-3543, FAX (610)432-5043 (9AM-5PM EST)

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number		%	
Bisphenol A Epoxy Resin	25068-38-6		15 - 40	
Tri(dimethylaminomethyl)phenol	90-72-2		1 - 5	
Zinc sulfide	1314-98-3		1 - 5	

  

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Bisphenol A Epoxy resin	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Tri(dimethylamino methyl)phenol	None estab.	none estab.	None estab.	none estab.	none estab.	None estab.	None estab.
Zinc sulfide	5.00mg/M3	none estab.	5.00mg/M3	none estab.	none estab.	None estab.	none estab.

## Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

<b>HMIS</b>	
<b>H</b>	1
<b>F</b>	1
<b>R</b>	0
<b>PPE</b> †B	
†Sec. 8	

### Potential Health Effects

**Acute Effects**

**Inhalation:** None.

**Eye:** Possible irritant and sensitizer.

**Skin:** Possible irritant and sensitizer.

**Ingestion:** Irritation of intestinal tract.

## Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air.

**Eye Contact:** Flush with water, consult a physician.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Seek medical advice

## Section 5 - Fire-Fighting Measures

**Flash Point:** N/A.

**Flammability Classification:** IIIB

**Extinguishing Media:** Water spray, foam, CO2, dry chemicals.

**Hazardous Combustion Products:** CO, Aldehydes, acids, oxides of sulfur and nitrogen may be formed.

**Fire-Fighting:** 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.



## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Dispose of in normal manner.

**Disposal:** Incinerate in furnace or bury in landfill according to applicable regulations; not a hazardous waste.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

### Section 7 - Handling and Storage

**Handling Precautions:** None.

**Storage Requirements:** Storage temperature: <90°F(32°C). Store in a cool, dry, well ventilated area.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

### Section 8 - Exposure Controls / Personal Protection

**Ventilation:** Provide general or local exhaust ventilation systems if product is sanded or ground.

**Respiratory Protection:** Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

**Protective Clothing/Equipment:** Wear chemically protective gloves to prevent skin contact. Wear protective eyeglasses or chemical safety goggles.

### Section 9 - Physical and Chemical Properties

**Form:** Putty.

**Appearance:** White stick.

**Odor:** Mercaptan.

**Solubility (in water):** insoluble in water.

**% Volatile:** < 1%

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.95

**VOC:** <1%

**pH:** >8

### Section 10 - Stability and Reactivity

**Stability:** PC CRETE EPOXY PUTTY is stable.

**Polymerization:** Hazardous polymerization cannot occur.

### Section 11- Toxicological Information

#### Toxicity Data:

Lethal Dose Information(mg/kg)	Oral	Skin	Inhale	LC50
Bisphenol A Epoxy Resin	11400.00 rat	20000 rabbit	No data	No data
Tri(dimethylaminomethyl)phenol	1635.00 rat	1350.00 rabbit estimated	No data	No data
Zinc sulfide	No data	No data	No data	No data

### Section 12 - Ecological Information

**Ecotoxicity:** No data.

**Environmental Fate:** No data.

**Environmental Degradation:** No data.

### Section 13 - Disposal Considerations

**Disposal:** Incinerate in furnace or bury in landfill according to applicable regulations; not a hazardous waste.

## Section 14 - Transport Information

### DOT Transportation Data (49 CFR 172.101):

<p><b>Shipping Name:</b> Not regulated.</p> <p><b>Shipping Symbols:</b> Not applicable.</p> <p><b>Hazard Class:</b> Non hazardous.</p> <p><b>ID No.:</b> Not applicable.</p>	<p><b>Packing Group:</b> Not determined.</p> <p><b>Label:</b> Not required.</p> <p><b>Special Provisions (172.102):</b> None.</p>
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## Section 15 - Regulatory Information

### EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), Not listed.

SARA 311/312 Codes: None.

SARA Toxic Chemical (40 CFR 372.65): Not listed.

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed.

### OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance, none

**State Regulations, Right-to-know:** The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and/or Massachusetts right-to-know laws are:

CAS	NAME
144807-96-6	Magnesium Silicate Hydrate
Trade Secret	Polyether Polymercaptan
65997-17-3	Soda Lime Borosilicate Glass

## Section 16 - Other Information

**Storage Requirements:** Storage temperature: <90°F(32°C). Store in a cool, dry, well ventilated area.

**Personal Hygiene:** Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, faceshield, and gloves.

**Prepared By:** Charles Moloney

### Revision Notes:

**Notes:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions- in addition to those described herein- are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

**Disclaimer:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other natures are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.