

**EPOXY PUTTY**

**SECTION 1**

**IDENTITY OF MATERIAL**

Trade Name: OATEY EPOXY PUTTY  
Product Numbers: 31270, 48033  
Formula: N/A  
Synonyms: N/A  
Firm Name & OATEY CO. 4700 West 160th Street P.O. Box 35906 Cleveland,  
Mailing Address: Ohio 44135, U.S.A. <http://www.oatey.com>  
Oatey Phone Number: (216) 267-7100  
Emergency Phone For Emergency First Aid call 1-303-623-5716 COLLECT. For  
Numbers: chemical transportation emergencies ONLY, call Chemtrec at  
1-800-424-9300

**SECTION 2**

**COMPOSITION**

<u>INGREDIENTS:</u>	<u>%:</u>	<u>CAS NUMBER:</u>	<u>ACGIH TLV TWA:</u>	<u>OSHA PEL TWA:</u>	<u>OTHER:</u>
Glycidyl ethers of	10 - 30%	25068-38-6	None	None	
Bisphenol A resins			Established	Established	
Tri(dimethylaminomethyl)	.5 -1.5%		90-72-2	None	None
Phenol			Established	Established	
Magnesium silicate hydrate		14807-96-6	2 ppm	20 mppcf	
(Non-hazardous)					
Sodium calcium magnesium		63997-17-3	None	None	
Silicate (Non-hazardous)			Established	Established	
Proprietary		N/A	None	None	
(Non-hazardous)			Established	Established	
Iron/silicon/titanium/aluminum		7439-89-6	None	None	
Alloy (Non-hazardous)			Established	Established	
Amorphous silica		67762-90-7	None	None	
(Non-hazardous)			Established	Established	

**SECTION 3**

**EMERGENCY OVERVIEW**

Epoxy putty with sulfur odor. Eye, skin, and ingestion irritant.  
NFPA Hazard Signal: Health: 1 Stability: 0 Flammability: 1 Special: None  
HMIS Hazard Signal: Health: 1 Stability: 0 Flammability: 1 Special: None  
OSHA Hazard Classification: N/A  
Canadian WHIMS Classification: N/A

**SECTION 4**

**EMERGENCY AND FIRST AID PROCEDURES - CALL 1-303-623-5716 COLLECT**

Skin: Remove contaminated clothing immediately. Wash all exposed areas with soap and water.  
Eyes: If material gets into eyes, immediately flush eyes with water for 15 minutes. Seek medical attention.  
Inhalation: Not expected to be a route of exposure  
Ingestion: Never give anything by mouth to a person who is unconscious or drowsy. Get immediate medical attention by calling a Poison Control Center, or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital.

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### **SECTION 5 FIRE FIGHTING MEASURES**

Flashpoint / Method: N/A  
Flammability: LEL = N/A, UEL = N/A  
Extinguishing: Use dry chemical, CO<sub>2</sub>, water spray or foam to extinguish fire.  
Media: Cool fire exposed container with water.  
Special Fire: Firefighters should wear positive pressure self-contained  
Fighting: breathing apparatus and full protective clothing for fires in  
Procedure: areas where chemicals are used or stored  
Unusual Fire and  
Explosion  
Hazards: None.  
Hazardous  
Decomposition  
Products: Aldehydes, acids, and oxides of carbon, nitrogen and sulfur.

### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Spill or  
Leak  
Procedures: Dispose of in a normal manner.

### **SECTION 7 HANDLING AND STORAGE**

Handling: Follow good manufacturing and handling practices. Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshields, and gloves. Professionally launder contaminated clothing before re-use.  
Storage: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use. Store below 90 Deg F  
Other: "Empty" containers retain product residue and can be hazardous. Follow all MSDS precautions in handling empty containers.

### **SECTION 8 ECOLOGICAL INFORMATION**

VOC: This product emits VOC's (volatile organic compounds) in its use.  
Information: Make sure that use of this product complies with local VOC emission regulations, where they exist.  
VOC Level: < 1%

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### **SECTION 9            EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ventilation: No general mechanical needed. Use local exhaust system if heated above 100 Deg F.

Respiratory Protection: None needed unless sanding or abrading.

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

Eye Protection: Safety glasses with sideshields or safety goggles.

Other: None required.

### **SECTION 10            PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Volatile Components: < 1%

Solubility In Water: Insoluble

pH: N/A

Specific Gravity: 2.18

Evaporation Rate: N/A

Appearance: White/Aluminum

Odor: Sulfur, Mercaptan

Will Dissolve In: N/A

Material Is: Putty

### **SECTION 11            STABILITY AND REACTIVITY**

Stability: Stable.

Conditions To Avoid: None.

Hazardous Decomposition Products: Aldehydes, acids, and oxides of carbon, nitrogen and sulfur.

Incompatibility/ Materials To Avoid: None.

Hazardous Polymerization: Will not occur.

### **SECTION 12            DISPOSAL INFORMATION**

Waste Disposal: Incinerate in a furnace or bury in landfill in accordance with all applicable regulations; not a hazardous waste.

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**SECTION 13**

**TOXICOLOGICAL INFORMATION**

Inhalation:	None.
Skin:	Possible irritant and sensitizer.
Eye:	Possible irritant and sensitizer.
Ingestion:	Irritation of intestinal tract.
Chronic	
Toxicity:	N/A.
Toxicity Data:	Glycidyl ethers of      Oral rat LD50: 5,000 mg/kg Bisphenol A resins:      Skin rabbit LC50: 20,000 mg/kg Tri(dimethylamino- methyl) Phenol:      Oral rat LD50: 1,630 mg/kg
Sensitization:	See above.
Carcinogenicity:	N/A
Mutagenicity:	N/A
Reproductive	
Toxicity:	N/A
Medical	
Conditions	
Aggravated By	
Exposure:	N/A
Warning:	Respirable crystalline silica (quartz) is classified as a probable carcinogen. The crystalline silica present in this product is encapsulated in the epoxy resin and could only be liberated by sanding or abrading, and then not as pure crystalline silica. Appropriate precautions, however, should be taken if the product is sanded or abraded to preclude personnel from breathing the dust.

## EPOXY PUTTY

## SECTION 14 TRANSPORTATION INFORMATION

## DOT

Proper Shipping Name:	Putty, NFC 150110
Hazard Class/Packing Group:	None
UN/NA Number:	None
Hazard Labels:	None

## IMDG

Proper Shipping Name:	Putty
Hazard Class/Packing Group:	None
UN Number:	None
Label:	None

RCRA Hazardous Waste Number: None

EPA Hazardous Waste ID Number: None

EPA Hazard Waste Class: None

## SECTION 15 REGULATIONS

Hazard Category for Section N/A

311 / 312:

Section 302 Extremely

Hazardous Substances (TPQ): N/A

Section 313 Toxic Chemicals: This product contains no chemicals  
subject to SARA Title III Section 313 Reporting  
requirements.

CERCLA 103 Reportable N/A

Quantities:

TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

SECTION 16      DISCLAIMER

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, Oatey cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.