

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Trade Name: OATEY EPOXY PUTTY
Product No.: 31270
Product Use: Multi-purpose sealing, patching and mending compound.
Formula: See Section 2
Synonyms: Putty
Firm Name & Mailing Address: OATEY CO. 4700 West 160th Street P.O. Box 35906 Cleveland, Ohio 44135, U.S.A. <http://www.oatey.com>
Oatey Phone Number: (216) 267-7100 or (800) 321-9532
Emergency Phone Numbers: For Emergency First Aid call 1-303-623-5716 COLLECT. For chemical transportation emergencies ONLY, call Chemtrec at 1-800-424-9300. Outside the U.S. 1-703-527-3887.
Prepared By: Corporate Director - Safety and Environmental Compliance
Preparation Date: February 14, 2011

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS:</u>	<u>%wt/wt:</u>	<u>CAS NUMBER:</u>	<u>ACGIH TLV TWA:</u>	<u>OSHA PEL TWA:</u>	<u>OTHER:</u>
Glycidyl ethers of Bisphenol A resins	10 - 30%	25068-38-6	None Established	None Established	None
Glass oxide	10 - 30%	65997-17-3	None Established	None Established	None
Mercaptan amine blend	10 - 30%	Unknown	None Established	None Established	None
Crystalline silica	0.1 - 1%	14808-60-7	0.05 mg/m ³	10/(%Q+2)mg/m ³	None

OSHA Hazard Classification: Skin and eye irritant. Skin sensitizer.

SECTION 3

HAZARDS IDENTIFICATION

Emergency Overview:
Epoxy putty with sulfur odor. Eye, skin, and ingestion irritant. Skin sensitizer.

SECTION 4

FIRST AID MEASURES

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 or if fumes cause irritation, immediately flush eyes with plenty of water until chemical is removed. If irritation persists, get medical attention immediately.
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. Do not induce vomiting.

SECTION 5 FIRE FIGHTING MEASURES

Flashpoint / Method: Not Applicable
Flammability: LEL = Not determined, UEL = Not determined
Extinguishing: Use dry chemical, CO2, water spray or foam to extinguish fire.
Media: Cool fire exposed container with water.
Special Fire Fighting: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored
Procedure:
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: Pick up and dispose of in an appropriate container.

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 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 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not determined
Melting Point: Not determined
Vapor Pressure: Not determined
Vapor Density: Not determined
Volatile Components: < 1%
Solubility In Water: Insoluble
pH: Not applicable
Specific Gravity: 2.18
Evaporation Rate: Not applicable
Appearance: Grey putty.
Odor: Sulfur, Mercaptan
Will Dissolve In: Not determined
Material Is: Putty

SECTION 10 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 11 TOXICOLOGICAL INFORMATION

Inhalation: None.
Skin: Skin irritant and possible sensitizer.
Eye: Eye irritant.
Ingestion: Irritation of intestinal tract.
Chronic
Toxicity: None known.
Toxicity Data: Glycidyl ethers of Oral LD50 (rat): 11.4 g/kg
Bisphenol A resins: Dermal LD50 (rabbit): 20,000 mg/kg
Sensitization: See above.
Carcinogenicity: Not expected to be carcinogenic.
Mutagenicity: Not expected to be mutagenic.
Reproductive
Toxicity: Not expected to cause reproductive toxicity.
Medical
Conditions
Aggravated By
Exposure: None known.
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.

SECTION 12 ECOLOGICAL INFORMATION

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

SECTION 13 DISPOSAL CONSIDERATIONS

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

SECTION 14 TRANSPORT 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 REGULATORY INFORMATION

Hazard Category for Section 311/312: Acute health; Chronic health.

Section 302 Extremely Hazardous Substances (TPQ): This product does not contain any extremely hazardous substances.
Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

CERCLA 103 Reportable

Quantities: Not applicable.

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

Canadian WHIMS Classification: D2A. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16 OTHER INFORMATION

NFPA and HMIS:

NFPA Hazard Signal: Health: 1 Flammability: 1 Reactivity: 0 Special: None
HMIS Hazard Signal: Health: 1* Flammability: 1 Reactivity: 0 PPE: B

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.