



MATERIAL SAFETY DATA SHEET

PIG® Multi-Purpose Repair Putty (MSD-001)

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1. Product And Company Identification

Product Identifier: PIG® Multi-Purpose Repair Putty
General Use: PIG® Multi-Purpose Repair Putty epoxy sticks are used to make emergency patches and repairs of a wide variety of materials.
Product Description: A hand kneadable, fast curing, epoxy adhesive in stick form.

COMPANY PROFILE: New Pig Corporation
One Pork Avenue
Tipton, PA 16684-0304
Information Number 1-800-468-4647
Website: www.newpig.com, **Email:** hothogs@newpig.com

EMERGENCY TELEPHONE: INFOTRAC
200 North Palmetto Street
Leesburg, FL 34748
24 hrs, 7 days/week
1-800-535-5053

2. Hazards Identification

POTENTIAL HEALTH EFFECTS:

Eye Contact: May cause eye irritation and act as a sensitizer.
Ingestion: May cause irritation of intestinal tract. Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Inhalation: May cause respiratory discomfort in excessive concentrations. Vapors are unlikely due to physical properties.
Skin Contact: May cause skin irritation and act as a sensitizer.

3. Composition/Information on Ingredients

Components	wt. %	CAS Registry #
Diglycidyl ether of bisphenol A	5-10	25068-38-6
2,4,6-Tri (dimethylaminomethyl) phenol	1-5	90-72-2
Zinc Sulfide	1-5	1314-98-3
<u>May contain:</u>		
Diglycidyl ether of bisphenol A	5-10	25036-25-3

Non-hazardous ingredients meeting the Pennsylvania, Massachusetts and New Jersey Right-To-Know requirements are:

Magnesium silicate hydrate	14807-96-6
Polyether polymercaptan	Trade secret
Sodium calcium magnesium silicate	65997-17-3

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult a physician.
Ingestion: Induce vomiting as directed by medical personnel.
Inhalation: Remove to fresh air.
Skin Contact: Wash with soap and water.

5. Fire Fighting Measures

Flash Point: >140°F (>60°C) **Method:** Not available
Auto-ignition Temperature: Not established
Flammability Class: IIIB **Flammable Limits:** Not established
Conditions of Flammability: Not established
Explosive Properties: Not established
Extinguishing Media: Water spray, foam, carbon dioxide, dry chemicals.
Special Fire Fighting Procedures: None required
Hazardous Combustion Products: Oxides of carbon, aldehydes, acids, oxides of sulfur & nitrogen may be formed
Unusual Hazards: Not established

6. Accidental Release Measures

Spill or Leak Procedures: Shovel or sweep up material and place into a plastic or metal disposal container. Not a listed hazardous waste.

7. Handling and Storage

Handling and Storage Precautions: Avoid eye contact and excessive skin contact. Wash with soap and water immediately after use.
Storage Temperature: Store below 90°F (32°C). Best conditions are at room temperature, however freezing and humidity will not affect performance of unused putty. If frozen, warm for a few minutes first for easier mixing.
Storage Pressure: Not applicable
Shelf Life: ~2 years (in original tube with cap on)
General: If sanding cured putty or substrates, wear eye protection. For prolonged handling, use polyethylene gloves. For prolonged exposure to sanding dust, wear a half face respirator with dust filters. The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls/Personal Protection

Engineering Controls: General Ventilation – None required
Local Exhaust - Only if heated above 100°F (38°C), or during prolonged sanding operations

PERSONAL PROTECTION

Eyes: Safety glasses when sanding.

Respirator: Half face respirator with dust filters when sanding for prolonged periods of time

Gloves: Polyethylene gloves for prolonged use. **OR:** Wash with soap and water immediately after use. If sanding cured putty or substrates, wear eye protection and dust mask.

Other: None required

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Magnesium silicate hydrate	20 mppcf*	2 mg/m ³ *

* Respirable dust for talc containing no asbestos



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9. Physical and Chemical Properties

Appearance: Putty, grey color after cure
Physical State: Solid
Odor: Sulfur, mercaptan odor
Odor Threshold: Not applicable
Vapor Pressure: 0°F
Vapor Density: Non Volatile
Specific Gravity: 1.95
Solubility in Water: Insoluble
Coefficient of Water/Oil Distribution: Not available
% Volatile: <1%
pH: Not applicable
Boiling Point: Not applicable
Evaporation Rate: 0.0 x n-Butyl Acetate
Freezing Point: Not applicable
VOC: <1%
Once Cured, Upper Working Temperature Limits:
Continuous: 250°F (121°C), Intermittent: 300°F (149°C)

10. Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Not established.
Incompatible Materials and Conditions to Avoid: Avoid incompatible materials. For compatibility guide, call 1-800-468-4647
Hazardous Decomposition: Not established
Hazardous Polymerization: Will not occur

11. Toxicological Information

LD50: Not available for mixture
LC50: Not available for mixture
Carcinogenicity: IARC: Not established.
National Toxicology Program: Not established.
OSHA: Not established.
California Prop 65: No listed ingredient.
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available
Irritancy of Product: See Section 3.
Sensitization to Product: Not available
Diglycidyl ether of bisphenol A (CAS # 25085-99-8 & 25036-25-3):
Ingestion: The oral LD50 for rats is > 5000 mg/kg.
Skin: The dermal LD50 for rabbits is >23500 mg/kg.
2,4,6-Tri (dimethylaminomethyl) phenol:
Ingestion: The oral LD50 for rats is 1200 mg/kg.
Skin: The dermal LD50 for rats is 1280 mg/kg.

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: Incinerate in furnace or bury in landfill in accordance with federal, state and local regulations.

14. Transport Information

DOT (Department of Transportation):
Proper Shipping Name: Putty, NMFC 150110
Hazard Class: Not regulated
Identification Number: Not applicable

15. Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: Magnesium silicate hydrate (no asbestos fibers).
SARA Title III (Superfund Amendments and Reauthorization Act): This product contains zinc compounds which are subject to the reporting requirements of section 313. They constitute approximately 1-5% of the putty.
TSCA (Toxic Substances Control Act): Ingredients of this product are on the Inventory list.

16. Other Information

NFPA Hazard Ratings: **Health - 1**
none → extreme **Fire - 0**
0 → 4 **Reactivity - 0**
 PPE - B

WHMIS Classification: D2B
Canadian Environmental Protection Act (CEPA): N/A
EINECS: EINECS Listed
Patents: U.S. 3,708, 379; RE 30,843; 3,837,981
W. Germany: 2,322,806
Canada: 993,169
United Kingdom: 1,452,785
Japan: 899,724

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Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
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