



MATERIAL SAFETY DATA SHEET

PIG® Aluminum Repair Putty (MSD-164)

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1. Product And Company Identification

Product Identifier: PIG® Aluminum Repair Putty
General Use: PIG® Aluminum Repair Putty is a hand kneadable, non-rusting, aluminum reinforced epoxy putty designed to repair aluminum easily and efficiently.

Product Description: An aluminum colored putty stick.

COMPANY PROFILE: **EMERGENCY TELEPHONE:**

New Pig Corporation
One Pork Avenue
Tipton, PA 16684-0304
Information Number
1-800-468-4647

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

Website: www.newpig.com, **Email:** hothogs@newpig.com

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: 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	7-13	25068-38-6
Diglycidyl ether of bisphenol A	7-13	25036-25-3
2,4,6-Tri (dimethylaminomethyl) phenol	1-5	90-72-2
Aluminum flake	1-5	7429-90-5

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: Never give anything by mouth to an unconscious person. Seek medical advice.
Inhalation: Not applicable.
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

5. Fire Fighting Measures (Continued)

Conditions of Flammability: Not established
Explosive Properties: Not applicable
Extinguishing Media: Water spray, foam, CO₂, dry chemicals
Special Fire Fighting Procedures: 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.
Hazardous Combustion Products: Carbon monoxide, 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: Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshield and gloves. Professionally launder contaminated clothing before re-use.
Storage Temperature: Store in a cool, dry, well ventilated area, <90°F (<32°C).
Storage Pressure: Not applicable
Shelf Life: ~2 years in original container.
General: If sanding cured putty or substrates, wear eye protection and dust mask. 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).

PERSONAL PROTECTION

Eyes: Safety glasses.
Respirator: None required unless sanding or abrading.
Gloves: Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.
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 *
Aluminum	15 mg/m ³ (total)	10 mg/m ³ (metal dust)
	5 mg/m ³ (resp)	

* Respirable dust for talc containing no asbestos



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9. Physical and Chemical Properties

Appearance: Aluminum putty
Physical State: Solid
Odor: Sulfur, mercaptan **Odor Threshold:** Not available
Vapor Pressure: Not applicable
Vapor Density: Non Volatile
Specific Gravity: 1.932 **Solubility in Water:** Insoluble
Coefficient of Water/Oil Distribution: Not available
% Volatile: <1% **pH:** Not applicable
Boiling Point: Not applicable
Evaporation Rate: Not applicable
Freezing Point: Not applicable
VOC: <0.1%
Lapshear on Aluminum / Steel: 600 / 500 psi
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: None
Hazardous Decomposition: Aldehydes, acids, and oxides of carbon, nitrogen and sulfur.
Hazardous Polymerization: Will not occur

11. Toxicological Information

LD50: Not available
LC50: Not available
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:
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 according to applicable regulations, not a hazardous waste.

14. Transport Information

DOT (Department of Transportation):
Proper Shipping Name: Not regulated
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), aluminum.
SARA Title III (Superfund Amendments and Reauthorization Act): This material contains ALUMINUM (CAS# 7429-90-5, 1-5%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.
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

Reason for Issue: Reviewed, added or moved information in Sections 1, 2, 3, 8, 9 and 16 in preparation for the new GHS format.

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Approved by: Lisa Baxter, New Pig Corporation

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