

PIG® Repair Putty MSDS

1. IDENTIFICATION

Manufacturer	New Pit Corp. One Pork Ave. Tipton, PA 16684-0304 Information: 1-800-468-4647 Emergency Phone: 1-800-535-5053
Product Identifier	PIG® Multi-Purpose Repair Putty
General Use	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.

2. COMPOSITION ON INGREDIENTS

<u>Components</u>	<u>Wt.%</u>	<u>CAS #</u>
Glycidyl ethers of bisphenol:	10-30	25068-38-6
A resins 2,4,6-Tris(dimethylaminomethyl) phenol:	0.5-1.5	90-72-2
Magnesium silicate hydrate:	30-60	14807-96-6
Zinc Sulfide:	0.5 - 1.5	1314-98-3
Sodium calcium magnesium silicate:	N/A	65997-17-3
Polyether polymercaptan:	N/A	--

OSHA Hazardous Components (29 CFR 1910.1200)

Exposure Limits 8 Hrs. TWA (ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Magnesium silicate hydrate	20 mppcf*	2.0 mg/m ³ *
Zinc Sulfide	5 mg/m ³ **	3 mg/m ³ **

* Respirable dust for talc containing no asbestos

** As nuisance dust - Respirable

mppcf=million particles per cubic foot

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye Contact:	May cause eye irritation and act as a sensitizer.
Ingestion:	May cause irritation of intestinal tract.
Inhalation:	May cause respiratory discomfort in excessive concentrations.
Skin Contact:	May cause skin irritation and act as a sensitizer.

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. FIREFIGHTING MEASURES

Flash Point	Not applicable
Auto-ignition Temperature:	Not established.
Flammable Class:	IIIB
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Conditions of Flammability:	Not established.

Explosive Properties:	Not established.
Extinguishing Media:	Water spray, foam, carbon dioxide, dry chemicals.
Special Firefighting Procedures:	None required.
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.
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7. HANDLING & STORAGE

Precautions:	Avoid eye contact and excessive skin contact. Wash with soap and water immediately after use.
Storage Temperature:	Best conditions are at room temperature, however freezing, humidity, and high temperatures will not affect performance of unused putty. If frozen, warm for a few minutes first for easier mixing.
Storage Pressure:	Not applicable.
Shelf Life:	Several 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

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

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Putty, grey colour after cure.
Physical State:	Solid.
Odour:	Sulfur, mercaptan odor
Odour Threshold:	Not applicable.
Vapour Pressure:	0°F
Vapour Density:	None 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%

10. STABILITY & REACTIVITY

General:	This is a stable material.
Conditions of Reactivity:	Not established.
Incompatible Materials:	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:	<i>IARC</i> : Not established for other compounds. <i>National Toxicology Program</i> : Not established for other compounds. <i>OSHA</i> : Not established for other compounds.
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.
Glycidyl ethers of A resins:	<i>Ingestion</i> : The oral LD50 for rats is 13600 mg/kg. <i>Skin</i> : The dermal LD50 for rabbits is >23500 mg/kg.
2,4,6-Tris(dimethylaminomethyl) phenol:	<i>Ingestion</i> : The oral LD50 for rats is 1200 mg/kg. <i>Skin</i> : 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.
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14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

CERCLA (Comprehensive Environmental Response Compensation/Liability):	No reportable quantity.
OSHA Hazard Communication Standard, 29 CFR 1910.1200:	Magnesium silicate hydrate (no asbestos fibers).
SARA Title (Superfund Amendments & Reauthorization Act):	This product contains zinc compounds which are subject to the reporting requirements of section 313. They constitute approximately 0.5-1.5% 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=1
0 -> 4	Reactivity=0
	PPE=B
WHMIS Classification:	D2B
Patients:	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
Reason for Issue:	Reviewed, changes to Sections 2 and 16, added trademark statement to disclaimer on Page 2.
Prepared by:	Dale Gatehouse, Entreprises Krenda Inc.
Approved by:	Lisa Baxter, New Pig Corporation
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