



# Safety Data Sheet

## 1. Product And Company Identification

**Product Identifier:** PIG Multi-Purpose Repair Putty (MSD-001)

**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:** **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

Warning! Irritant: Product contains chemicals known to cause skin and eye irritation and may cause sensitization by skin contact.

**GHS Classification:** Skin corrosion/irritation, Category 2  
Serious eye damage/irritation, Category 2  
Skin sensitisation, Category 1  
Acute aquatic toxicity, Category 3

### GHS Label Elements

**Signal Word:** Warning

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H402 Harmful to aquatic life

H413 May cause long lasting harmful effects to aquatic life

### Precautionary Statements:

P264 Wash hands (skin) thoroughly after handling

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 IF ON SKIN: Take off contaminated clothing.

Wash contaminated clothing before reuse.

P332 + P313 IF SKIN irritation occurs: Get medical advice/attention

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention



## 3. Composition/Information on Ingredients

CAS: 14807-96-6	Talc	30-40%
EC: 238-877-9		

CAS: 25068-38-6	Bisphenol-A-epichlorhydrin, epoxy resin	
	OR	

CAS: 25036-25-3	Diglycidyl ether of bisphenol A	10-30%
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CAS: 90-72-2	2,4,6-Tri (dimethylaminomethyl) phenol	
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EC: 202-013-9		1-5%
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CAS: 1314-98-3	Zinc Sulfide	1-5%
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EC: 215-251-3		
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CAS: 14808-60-7	Silica, crystalline quartz 0.1-1.0%	
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EC: 238-878-4		
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*Non-hazardous ingredients meeting the Pennsylvania, Massachusetts and New Jersey Right-To-Know requirements:*

Polyether polymercaptan	Trade secret
Sodium calcium magnesium silicate	65997-17-3

## 4. First Aid Measures

**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Ingestion:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin Contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing and shoes before reuse.

## 5. Fire Fighting Measures

**Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Special Fire Fighting Procedures:** Do not breathe fumes. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, halogenated compounds, metal oxide/oxides.

**Unusual Hazards:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains.



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## 6. Accidental Release Measures

**Spill or Leak Procedures:** Wear appropriate personal protective equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place into a designated, labeled waste container. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor.

## 7. Handling and Storage

**Handling Precautions:** Wear impervious gloves when mixing or handling uncured product. Do not ingest. Avoid contact with eyes, skin and clothing. If sanding cured putty or substrates, wear eye protection and dust mask. For prolonged exposure to sanding dust, wear a half face respirator with dust filters. 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 Precautions:** Store in original container protected from direct sunlight in a cool, dry, well ventilated area < 95°F (35°C).  
**Shelf Life:** ~2 years (in original tube with cap on)

**General:** 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:** Good general ventilation should be sufficient. Use local exhaust or other engineering controls to keep concentrations below PEL/TLV, or during prolonged sanding operations.

### PERSONAL PROTECTION

**Eyes:** Safety glasses or goggles.

**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:** Ensure that eyewash stations and safety showers are close to the workstation location.

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs. TWA (ppm)

OSHA PEL

ACGIH TLV

Talc	20 mppcf*	2 mg/m <sup>3</sup> *
Silica, crystalline quartz respirable dust	10 mg/m <sup>3</sup> %SiO <sub>2</sub> +2	0.025 mg/m <sup>3</sup>

\* Respirable dust for talc containing no asbestos

## 9. Physical and Chemical Properties

**Appearance:** Putty, gray color after cure

**Odor:** Sulfurous

**Odor Threshold:** Not applicable

**pH:** Not applicable

**Melting Point/Freezing Point:** Not available

**Initial Boiling Point and Range:** Decomposition temperature: >302°F (>150°C)

**Flash Point:** >200°F (>93°C) **Method:** Setaflash CC

**Evaporation Rate:** Not available

**Flammability Limits:** Not available

**Conditions of Flammability:** Not available

**Explosive Properties:** Not available

**Vapor Pressure:** Not available **Vapor Density:** Not available

**Relative Density (H<sub>2</sub>O = 1):** 1.95

**Solubility in Water:** Insoluble in cold and hot water

**Auto-ignition Temperature:** Not available

**Coefficient of Water/Oil Distribution:** Not available

## 10. Stability and Reactivity

**General:** This is a stable material.

**Conditions of Reactivity:** Under normal conditions of storage and use, hazardous reactions will not occur.

### Incompatible Materials and Conditions to Avoid:

Temperatures above 95°F (35°C). Oxidizing agents, acids and bases, amines. For compatibility guide, call 1-800-468-4647.

**Hazardous Decomposition:** Nitrogen oxides. Combustion produces oxides of carbon including highly poisonous carbon monoxide. Sulphur oxides.

**Hazardous Polymerization:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological Information

ACGIH, A2 - Crystalline silica is a suspected human carcinogen

**Target Organs:** No specific data

### POTENTIAL HEALTH EFFECTS:

**Eye Contact:** Causes serious eye irritation. Symptoms may include pain or irritation, watering, redness.

**Ingestion:** Irritating to mouth, throat and stomach.

**Inhalation:** Dusts released from sanding hardened putty may cause irritation to the respiratory tract. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

**Skin Contact:** Causes skin irritation. Symptoms may include irritation, redness

**LD50:** Not available for mixture

**LC50:** Not applicable for mixture



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## 11. Toxicological Information (Cont'd)

**Carcinogenicity:** Silica, crystalline quartz:

IARC: Category 1

National Toxicology Program: Quartz 14808-60-7

OSHA: See Section 15

California Prop 65: Silica, crystalline (non-respirable). Talc, not containing asbestiform fibres.

**Reproduction Toxicity:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

**Diglycidyl ether of bisphenol A:**

**Ingestion:** The oral LD50 for rats is 11.4 g/kg.

**Skin:** Severe irritant, Rabbit: 24 hours 2 Milligrams

**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.

**Skin:** Severe irritant, Rat: 0.25 Milliliters

## 12. Ecological Information

**Mobility:** Water contaminating.

**Persistence and degradability:** Not inherently biodegradable

**Bioaccumulative potential:** Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

**Ozone depletion potential:** No ozone depleting chemicals are present or used in manufacture.

**Toxicity:** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13. Disposal Considerations

**Waste Disposal Method:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 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:**

Crystalline silica, talc (no asbestos fibers).

**SARA Title III (Superfund Amendments and Reauthorization**

**Act):** Crystalline silica non-respirable, Bisphenol-A-epichlorhydrin epoxy resin, 2,4,6-Tri (dimethylaminomethyl) phenol. 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.

**State regulations:**

Massachusetts: Mineral wool fiber; Soapstone

New Jersey: Soapstone; Silica, quartz; Quartz (SiO<sub>2</sub>); Zinc compounds

Pennsylvania: Soapstone dust; quartz (SiO<sub>2</sub>); Zinc compounds

## 16. Other Information

**NFPA Hazard Ratings:** Health - 2

none → extreme

0 → 4

Fire - 1

Reactivity - 0

PPE - B

**WHMIS Classification:** Not determined

**Reason for Issue:** Reviewed, changes to Sections 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15 & 16. GHS changes to Sections 2, 3 & 11

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