



SAFETY DATA SHEET

PIG® Patch (MSD-005)

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1. Product And Company Identification

Product Identifier: PIG® Patch
General Use: PIG® Patch can be used to repair leaks in fuel tanks, oil storage tanks or any size metal drum.
Product Description: A two component, epoxy patch which mixes within a self-contained envelope.
COMPANY PROFILE: **EMERGENCY TELEPHONE:**
 New Pig Corporation INFOTRAC
 One Pork Avenue 200 North Palmetto Street
 Tipton, PA 16684-0304 Leesburg, FL 34748
 Information Number 24 hrs, 7 days/week
 1-800-468-4647 1-800-535-5053
Website: www.newpig.com, **Email:** hothogs@newpig.com

2. Hazards Identification

POTENTIAL HEALTH EFFECTS:
Eye Contact: *Part A:* Repeated or prolonged contact may cause burn, and can result in permanent impairment of vision, even blindness. *Part B:* Contact may cause irritation.
Ingestion: *Part A:* Repeated or prolonged exposure may cause bleeding of the gastrointestinal tract, vomiting of blood, burns to mouth and throat. *Part B:* May cause irritation.
Inhalation: *Part A:* Repeated or prolonged exposure may result in adverse respiratory effects (cough, tightness of chest or shortness of breath). *Part B:* Unlikely to be a hazard
Skin Contact: *Part A:* Repeated or prolonged contact may result in adverse effects, such as defatting, rash, irritation and corrosion. *Part B:* May cause irritation and may aggravate allergy, eczema or other skin conditions.
Chronic: Not established

3. Composition/Information on Ingredients

<u>Components</u>	<u>wt. %</u>	<u>CAS Registry #</u>
PART A		
Mercaptan Terminated Polymer	100	Mixture
PART B		
Resin based on Bisphenol A Diglycidyl ether	100	25068-38-6

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult a physician.
Ingestion: Do not induce vomiting. Give large amounts of water or milk. Get medical attention.
Inhalation: Remove to fresh air and give oxygen if breathing difficulties occur. Get medical attention.
Skin Contact: Wash with soap and water. Get medical attention for burns or if rash develops.

5. Fire Fighting Measures

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemicals
Special Fire Fighting Procedures: Self contained breathing apparatus. Keep containers cool.
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, nitrous oxides and aldehydes will evolve when this material is involved in a fire.
Unusual Hazards: None

6. Accidental Release Measures

Spill or Leak Procedures: Take up with absorbent materials and place in a closed container.

7. Handling and Storage

Handling Precautions: Avoid eye and skin contact, ingestion and breathing of vapors.
Storage Precautions: Room temperature. Shelf Life: 12-18 months in its original unopened package.
General: Wash hands before eating, drinking, smoking or using toilet facility. 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: Use good general mechanical ventilation and local exhaust.
PERSONAL PROTECTION
Eyes: Chemical goggles or safety glasses with side shields. Contact lenses should not be worn.
Respirator: Use NIOSH/MSHA approved respirator with Organic Vapor Cartridge if material is used in unventilated area. Avoid breathing vapors.
Gloves: Chemical resistant gloves
Other: Long sleeve shirts and long pants should be worn to cover all exposed skin areas. Wash hands before eating, drinking, smoking or using toilet facilities. Mixing Parts A & B may produce enough heat to cause burns.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):
 EXPOSURE LIMITS 8 hrs. TWA (ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Resin based on Bisphenol A Diglycidyl ether	N.E.	N.E.

N.E. = Not Established



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9. Physical and Chemical Properties

Appearance: *Part A:* Red liquid *Part B:* White viscous liquid
Odor: *Part A:* Strong odor *Part B:* Mild odor
Odor Threshold: Not applicable
pH: Not applicable
Melting Point/Freezing Point: Not applicable
Initial Boiling Point and Range: *Part A:* Not applicable
Part B: < 500° F (< 260° C)
Flash Point (Closed Cup): *Part A:* 285° F (141° C)
Part B: > 480° F (249° C) **Method:** Pensky Martin Closed Cup
Evaporation Rate: Not applicable
Flammable Limits: Not established
Conditions of Flammability: Not established
Explosive Properties: Not established
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Relative Density (H₂O = 1): Not applicable
Solubility in Water: *Part A:* Slightly soluble *Part B:* Insoluble
Auto-ignition Temperature: Not established
Coefficient of Water/Oil Distribution: Not available

10. Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Not available.
Incompatible Materials: *Part A:* Acids, oxidizing materials, hydrogen sulfide, oxides of sulfur. *Part B:* Strong oxidizing agents.
Conditions to Avoid: *Part A:* None *Part B:* High temperatures, strong acids and bases.
Hazardous Decomposition: Carbon monoxide, carbon dioxide, nitrous oxides and aldehydes.
Hazardous Polymerization: Will not occur

11. Toxicological Information

LD50: *Part A:*

Eyes: The draize eye irritation score for rabbits is 16.8/110.

Ingestion: The oral LD50 for rats is 2.6 g/kg.

Skin: The dermal LD50 for rabbits is > 10.2 g/kg.

The primary skin irritation index - 1.2/8.0 (rabbit)

Part B:

Ingestion: The oral LD50 for rats is 13600 mg/kg.

Skin: The dermal LD50 for rats is >23500 mg/kg.

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

11. Toxicological Information (Cont'd)

Mutagenicity: Not available
Synergistic Products: Not available
Irritancy of Product: See Section 2.
Sensitization to Product: Not available

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: *Part A:* Incinerate in furnace in accordance with federal, state and local regulations. *Part B:* Not a hazardous waste by RCRA criteria. Dispose of properly by federal, state and local regulations.

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: No listed ingredient
SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient
TSCA (Toxic Substances Control Act): Ingredients of this product are on the Inventory list.

16. Other Information

Part A:

HMIS Hazard Ratings: Health - 1
none → extreme Fire - 1
0 → 4 Reactivity - 0

Part B:

HMIS Hazard Ratings: Health - 2
none → extreme Fire - 1
0 → 4 Reactivity - 0

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Prepared by: Dale Gatehouse, Entreprises Krenda Inc.

Approved by: Lisa Baxter, New Pig Corporation

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