



Safety Data Sheet

1. Product And Company Identification

Product Identifier: PLUG-N-SEAL® Patching Paste (Standard Formula and Low Temperature Formula) (MSD-048)
General Use: PLUG-N-SEAL® Patching Paste is used as an emergency temporary patch to stop leaks from low pressure tanks or drums. Will temporarily stop leaks from 2 minutes up to 2 hours until the container can be drained and contents transferred to another container. It also plugs holes in cracked or weeping machinery in a variety of equipment.
 (Standard Formula: down to 32°F (0°C))
 (Low Temp Formula: from 32°F (0°C) down to 5°F (-15°C))
Product Description: A gray granular fast curing clay paste.
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

GHS Classification: Not a dangerous substance according to GHS

POTENTIAL HEALTH EFFECTS:

Eye Contact: No hazard in normal use of product. Direct contact may cause irritation.
Ingestion: No hazard in normal use of product. Ingestion of dust may cause irritation.
Inhalation: No hazard in normal use of product. Once dried, dust may cause respiratory discomfort in excessive concentrations.
Skin Contact: May cause mild irritation.
Chronic: May be harmful if inhaled over a prolonged period.

3. Composition/Information on Ingredients

CAS: 1302-78-9	Bentonite blend	% Trade Secret
EC: 215-108-5		
CAS: 7732-18-5	Water	% Trade Secret
EC: 231-791-2		
CAS: 57-55-6	Propylene glycol*	% Trade Secret
EC: 200-338-0		

* Low temp products have higher % content

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult a physician if irritation persists.
Ingestion: Not normally applicable. Drink two glasses of water to dilute ingested material. Do not induce vomiting. Seek medical attention.
Inhalation: Remove to fresh air if excessive amounts of dust inhaled.
Skin Contact: Wash with soap and water.

5. Fire Fighting Measures

Extinguishing Media: Unused form: Not applicable Used form: that which is compatible to liquid(s) absorbed or blocked.
Special Fire Fighting Procedures: If used product is involved in a fire, use extinguishing media appropriate to liquid absorbed or blocked.
Hazardous Combustion Products: Not established
Unusual Hazards: Refer to absorbed or blocked liquid(s) SDS(s).

6. Accidental Release Measures

Spill or Leak Procedures: If material is unused, scoop up and dispose of in municipal landfill. Avoid adding water as product can be slippery when wet.

7. Handling and Storage

Handling Precautions: Standard Formula is designed for storage and use down to 32°F (0°C) and Low Temperature Formula from 32°F (0°C) down to 5°F (-15°C).
Storage Precautions: Room temperature. If hardening occurs prior to application, product is ineffective. Product should be stored in its original container. Store in protective plastic to avoid drying out and hardening until application. Shelf Life: ~ 2 years; add water if product appears to dry out.
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: Provide general and/or local exhaust ventilation to keep concentrations below PEL/TLV.
PERSONAL PROTECTION
Eyes: Safety glasses with side shields is a good industrial practice
Respirator: Use NIOSH/MSHA approved dust if dust concentrations exceed specified exposure limits.
Gloves: Not normally required. However, when handling bulk, use of cloth, canvas or leather gloves is a good industrial practice.
Other: None required.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Bentonite blend as:		
Mineral nuisance dust:		
Total	15 mg/m ³	10 mg/m ³
Respirable	5 mg/m ³	3 mg/m ³

In its present form, there is little or no dust to present an OSHA hazard

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9. Physical and Chemical Properties

Appearance: Gray moldable paste
Odor: No distinctive odor **Odor Threshold:** Not applicable
pH: Not applicable
Melting Point/Freezing Point: 32°F (0°C)
Low Temp. Formula: 0°F (-18°C)
Initial Boiling Point and Range: Not applicable
Flash Point: Not applicable **Method:** Not applicable
Evaporation Rate: Not applicable
Flammable Limits: Not applicable
Conditions of Flammability: Not established
Explosive Properties: Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Relative Density (H₂O = 1): 1.4
Solubility in Water: 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: Hydrofluoric acid, elevated temperatures.
Incompatible Materials: Not recommended for use with strong acids (hydrofluoric acid).
Conditions to Avoid: None
Hazardous Decomposition: None
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 2.
Sensitization to Product: Not available
Bentonite:
Skin: The dermal LD50 for rats is 35 mg/kg
Water:
Ingestion: The oral LD50 for rats is > 90 mL/kg
Propylene glycol:
Ingestion: The oral LD50 for rats is 20 gm/kg

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: If unused, no special precautions are necessary. Dispose of in accordance with federal, state and local regulations. In certain types of cleanup applications the nature of the material recovered will classify the resulting spent material as a hazardous component. In such instances the material should be disposed of via an approved hazardous waste disposal service and the appropriate manifesting obtained.

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: Mineral nuisance dust
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.

Propylene glycol can be found on the following state right to know lists: Pennsylvania, Minnesota.

16. Other Information

Reason for Issue: Reviewed, changes to Sections 11 & 16.
Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
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SDS Number: MSD-048

The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.