



# 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 <sup>3</sup>	10 mg/m <sup>3</sup>
Respirable	5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>

\*\*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 (H<sub>2</sub>O = 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  
**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 3, 7, 11 & 16.  
**Prepared by:** Dale Gatehouse, Entreprises Krenda Inc.  
**Approved by:** Lisa Baxter, New Pig Corporation  
**Previous Date of Issue:** 03/23/2017  
**Revised Date:** 03/22/2018  
**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.