



# Safety Data Sheet

## 1. Product And Company Identification

**Product Identifier:** PIG® Water Activated Flood Barriers (MSD-235)

**General Use:** PIG® Water Activated Flood Barriers are designed to contain and divert Floodwater to protect buildings during heavy rains, floods, hurricanes or broken pipes. (Not designed for Salt Water)

**Product Description:** Dark gray/black barriers/bags filled with a Super Absorbent Polymer (SAP). Will swell when in contact with non-salt water.

**Specific Product Identifier:** PIG® Water-Activated Flood Bag, PIG® Water-Activated Flood Barrier.

<b>COMPANY PROFILE:</b>	<b>EMERGENCY TELEPHONE:</b>
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
<b>Website:</b> www.newpig.com,	<b>Email:</b> 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. If outer material is punctured, may cause mild irritation.

**Ingestion:** No hazard in normal use of product.

**Inhalation:** If outer material is punctured, breathing of excessive airborne dust may cause symptoms typical of nuisance dusts such as coughing or mild respiratory irritation.

**Skin Contact:** No hazard in normal use of product. If outer material is punctured, may cause mild irritation.

**Chronic:** Not established

## 3. Composition/Information on Ingredients

### Outer Material:

CAS: 9003-07-0	Polypropylene	>99%
CAS:	Black pigment	<0.3%

### Inner Material:

CAS: 9003-04-7	Sodium polyacrylate	100%
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## 4. First Aid Measures

The following precautions need to be considered if in direct contact with the inner material:

**Eye Contact:** Flush with water for 15 minutes. If discomfort persists, seek medical attention.

**Ingestion:** Not considered harmful in small quantities. If discomfort occurs, seek medical attention.

## 4. First Aid Measures (Cont'd)

**Inhalation:** Remove to fresh air if excessive amounts of dust inhaled. If irritation persists, severe coughing or respiratory difficulty occur, seek medical attention.

**Skin Contact:** Wash in flowing water or shower.

## 5. Fire Fighting Measures

**Extinguishing Media:** Water, dry chemical, foam, carbon dioxide, halon. Use extinguishing media appropriate to surrounding conditions.

**Special Fire Fighting Procedures:** A self-contained breathing apparatus should be worn. Refer to absorbed liquid(s) SDS(s).

**Hazardous Combustion Products:** When heated above melting point – outer material: Carbon monoxide, carbon dioxide, acrolein, ketones, aldehydes and other unidentified organic compounds.

**Unusual Hazards:** Caution: contents slippery when wet.

## 6. Accidental Release Measures

**Spill or Leak Procedures:** Use appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. If outer material is punctured, may be slippery when wet. Collect spilled product and put into suitable container for disposal as low-hazard waste. Rinse spill area with clean water.

## 7. Handling and Storage

**Handling Precautions:** Avoid puncturing or tearing outer material. Avoid creating dust. Handle as an eye and respiratory tract irritant.

**Storage Precautions:** Store in a dry, closed container. Keep container closed to prevent absorption of moisture. Shelf Life: Indefinitely - as long as product is kept in a clean, dry place away from direct sunlight.

**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 (Cont'd on Next Page)

**Engineering Controls:** Provide general and/or local exhaust ventilation to keep concentrations below PEL/TLV.

### PERSONAL PROTECTION

**Eyes:** Safety goggles or glasses with side shields is a good industrial practice.

**Respirator:** Use NIOSH/MSHA approved dust respirator if material is used in unventilated area, or if dust concentrations exceed specified exposure limits.

**Gloves:** Use of cloth, canvas or leather gloves is a good industrial practice.

**Other:** None required



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## 8. Exposure Controls/Personal Protection (Cont'd)

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

None

Manufacturer's recommended 8-hour exposure limit for sodium polyacrylate is 0.05 mg/m<sup>3</sup>

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

## 9. Physical and Chemical Properties

**Appearance:** Dark gray/black barriers and bags filled with a white granular powder.

**Odor:** None      **Odor Threshold:** Not applicable

**pH:** 5.5 – 6.5 (1% in water)

**MELTING POINT/Freezing Point:** Outer material: 248° - 338°F (120° - 170°C)

**Initial Boiling Point and Range:** Not applicable

**Flash Point:** Solid      **Method:** Not applicable

**Evaporation Rate:** Not applicable

**Flammable Limits:** Not available

**Conditions of Flammability:** Not available

**Explosive Properties:** Not available

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Relative Density:** 1.5 (H<sub>2</sub>O = 0)

**Solubility in Water:** Inner material: swells in water, slightly water soluble

**Auto-ignition Temperature:** Not available

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

## 10. Stability and Reactivity

**General:** Stable under normal conditions.

**Conditions of Reactivity:** Not established

**Incompatible Materials:** Water activates inner material. Strong oxidizers may degrade outer material.

**Conditions to Avoid:** Not established

**Hazardous Decomposition:** Not established

**Hazardous Polymerization:** Not established

## 11. Toxicological Information

**LD50:** Not established for mixture

**LC50:** Not established for mixture

**Carcinogenicity:** IARC: Not listed

National Toxicology Program: Not listed

OSHA: Not listed

California Prop 65: No listed ingredient

**Reproduction Toxicity:** Not available

## 11. Toxicological Information (Cont'd)

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

**Irritancy of Product:** See Section 2.

**Sensitization to Product:** Not available.

**Sodium polyacrylate:**

LD50: Oral, Rat: 40,000 mg/m<sup>3</sup>

## 12. Ecological Information

Composted polyacrylate absorbents are non-toxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

## 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:**  
No listed ingredient

**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient

**TSCA (Toxic Substances Control Act):** All ingredients are listed.

## 16. Other Information

**Reason for Issue:** Reviewed, change to Section 16.

**Prepared by:** Dale Gatehouse, Entreprises Krenda Inc.

**Approved by:** Lisa Baxter, New Pig Corporation

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**SDS Number:** MSD-235

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