Safety Data Sheet

1. Product And Company Identification

Product Identifier: PIG Stormwater Filter Sock (MSD-228)
General Use: PIG Stormwater Filter Sock is designed to remove pollutants from contaminated stormwater runoff. Polluted water flows through the sock where the pollution is either stopped or absorbed. Pollutants include but are not necessarily limited to: oil and other hydrocarbon-based liquids, sediment, debris and trash.
Product Description: Blue Polypropylene Sock filled with gravel for weight and recycled fibers for filler.

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

WARNING! Cancer hazard. If outer material is punctured, dust may cause eye, skin, and respiratory tract irritation.

GHS Classification: In its present form, this is **not** a dangerous substance. However, if outer material is punctured and/or dust is generated:

Specific target organ toxicity – repeated exposure (Category 2)

GHS Label Elements

Signal Word: Warning
H373 May cause damage to organs through prolonged or repeated exposure

3. Composition/Information on Ingredients

Skin:		
CAS: 9003-07-0	Woven Polypropylene Fabric	100%
Filler:		
CAS: 14808-60-7	Gravel/Shale	80-95%
EC: 238-878-4		
CAS: Mixture	Recycled Fibers	1-5%

4. First Aid Measures

Eye Contact: Wash thoroughly with running water. Get medical advice if irritation develops.
Ingestion: If large amounts are swallowed, get medical attention.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact: Wash exposed area with soap and water. Get medical advice if irritation develops.

5. Fire Fighting Measures

Extinguishing Media: Unused form: Use any media appropriate for surrounding fire. Used form: that which is compatible to liquid(s) absorbed.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus with full facepiece.
Hazardous Combustion Products: Not established
Unusual Hazards: Refer to absorbed liquid(s) SDS(s). The PIG Stormwater Filter Socks do not render liquids nonflammable, neutral or less hazardous.

6. Accidental Release Measures

Spill or Leak Procedures: If outer material is punctured, ventilate area of leak or spill. Wear appropriate personal protective equipment. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

Handling Precautions: Avoid generating dust. Avoid puncturing or tearing outer material. Keep dust concentrations below PEL/TLV and use proper respiratory protection. Wash thoroughly after handling.
Storage Precautions: Shelf Life: Indefinitely - as long as product is kept in a clean, dry place away from direct sunlight.
General: Refer to absorbed liquid(s) SDS(s). 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 respirator if dust concentrations exceed specified exposure limits.
Gloves: Impervious (such as latex or nitrile) gloves.
Other: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facility.
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Gravel/Shale as :		
Crystalline silica		
Respirable	50 µg/m^3	0.025 mg/m^3

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

Safety Data Sheet

9. Physical and Chemical Properties

Appearance: Gravel/shale and recycled fibers enclosed in a blue sock
Odor: None **Odor Threshold:** Not applicable
pH: Not established
MELTING POINT/Freezing Point: *Outer material:* 328° F (164° C)
Initial Boiling Point and Range: Not established
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_20 = 1): *Outer material:* 0.905
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: Not established
Incompatible Materials: Powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide, etc.
Conditions to Avoid: None
Hazardous Decomposition: Silica will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.
Hazardous Polymerization: Will not occur

11. Toxicological Information

Crystalline silica is a human carcinogen. In its present form, enclosed in polypropylene, there is little or no dust to present a hazard.
Target Organs: Lungs
POTENTIAL HEALTH EFFECTS:
Eye Contact: If outer material is punctured, direct eye contact may cause mechanical irritation and possible injury.
Ingestion: No adverse effects expected.
Inhalation: If outer material is punctured: acute pneumoconiosis from overwhelming exposure to silica dust has occurred. Coughing and irritation of throat are early symptoms.
Skin Contact If outer material is punctured, direct skin contact may cause mechanical irritation. Dust may cause allergic reactions in hypersensitive individuals.
Chronic: Inhalation of quartz is classified as a human carcinogen. Chronic exposure can cause silicosis; a form of lung scarring that can cause shortness of breath, reduced lung function, and in severe cases, death.
LD50: Not available **LC50:** Not applicable

11. Toxicological Information (Cont'd)

Carcinogenicity: IARC: Category 1
National Toxicology Program: Quartz 14808-60-7
OSHA: See Section 15
California Prop 65: Silica, crystalline (airborne particles of respirable size) Known to cause cancer
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: Silica is not classified as a hazardous waste. If unused, dispose as an inert, non-metallic mineral. 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: Crystalline silica. In its present form, there is little or no dust to present an OSHA hazard.
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.
DSL (Canadian Domestic Substances List): All components of this product are on the Canadian DSL.

16. Other Information

Reason for Issue: Reviewed, changes to Sections 8, 15 & 16.
Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
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The following is in lieu of all warranties, expressed or implied: All information provided is based on testing and data believed to be accurate.