

1. Product And Company Identification

Product Identifier: The Minnow Self Activating Gel Filled Bag
General Use: The Minnow Self Activating Gel Filled Bag create barrier against floods, protecting equipment and property perimeter, levee and berm construction sites, doorways, driveways, liquid spill cleanup, sewer grates, and more.

Product Description: White/black bags filled with a Super Absorbent Polymer (SAP). Inflate and absorb when in contact water. Standard sandbag shape or box shape with handles.

Specific Product Identifier: MW1, MW2, MW1-B, MW2-B, MW1-5PK, MW1-10PK, MW1-25PK, MW1-50PK, MW1-B-5PK, MW1-B-10PK, MW1-B-25PK, MW1-B-50PK, MW2-4PK, MW2-8PK, MW2-20PK, MW2-40PK, MW2-B-4PK, MW2-B-8PK, MW2-B-20PK, MW2-B-40PK

COMPANY PROFILE:

Garrison (Flood Control) Systems, LLC.
 New York, NY | +1-929-299-2099

Website: www.garrisonflood.com **Email:** sales@garrisonflood.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: Not available | Black pigment | <0.3% |

Inner Material:

| | | |
|----------------|---------------------|------|
| CAS: 9003-04-7 | Sodium polyacrylate | 100% |
|----------------|---------------------|------|

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

Safety Data Sheet

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/m³

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

9. Physical and Chemical Properties

Appearance: White/black 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 (H₂O = 1)
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/m³

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.
DSL (Canadian Domestic Substances List): All components of this product are on the Canadian DSL.

16. Other Information

Date of Issue: 12/23/2021
SDS Number: MSDS-Minnow

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