

This brief provides a general overview of the Safety Data Sheet requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

<b>Identity (As Used On Label and List)</b> <b>B4174 H2O BarrierBag</b>		<b>Date Prepared:</b> 02-01-2023			
<b>Section 1 ~ Identification</b>					
<b>Manufactured for:</b> OMEGA INDUSTRIAL SUPPLY, INC		<b>Emergency Telephone Number:</b> 1-800-424-9300			
<b>Address (Number, Street, Suite/Apt#)</b> 1133 WEST 27TH STREET		<b>Telephone Number for Information:</b> 1-800-571-7347			
<b>(City, State, and Zip Code)</b> CHEYENNE, WY 82001		<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.			
<b>Section 2 ~ Composition/Information on Ingredients</b>					
<b>Components</b>					
<b>(Specific Chemical Identity, Common Name(s))</b>	<b>CAS No.</b>	<b>LD<sub>50</sub> of ingredient</b>	<b>LC<sub>50</sub> of ingredient</b>	<b>% Vol.</b>	<b>%(Wt.)</b>
Outer material		RAT 40 mg/kg: Oral Acute Toxicity			
Polypropylene	9003-07-0				> 99%
Black pigment	N/A				< .3%
Inner Material: Sodium Polyacrylate	9003-04-7				100
<i>Notes:</i> Sodium Polyacrylate is a white, granular, odorless polymer that yields a gel-like material with the addition of water. It is insoluble in water and causes extremely slippery condition when wet. Although not regulated as a hazardous material, the respirable dust is a potential respiratory tract irritant. The manufacturer recommends an 8 hour exposure limit of 0.05mg/m <sup>3</sup> .					
<b>Section 3 ~ Hazard(s) Identification</b>					
EMERGENCY OVERVIEW: Not a dangerous substance according to GHS classification criteria.					
Contents of Expandable Water Bag if outer material is punctured: (outer fabric not applicable)					
<i>Eyes</i> — Flush eyes with large amounts of water if contact or irritation occurs.					
<i>Skin</i> — Wash off in flowing water or shower.					
<i>Inhalation</i> — Seek well ventilated area. If irritation, severe coughing or breathing difficulty persists seek medical attention.					
<i>Ingestion</i> — No adverse effects anticipated by this route of exposure.					
<b>Health Hazards (Chronic)</b> – If fabric is open, may cause mild mechanical irritation to eyes, skin & respiratory tract.					
<b>Medical Conditions Generally Aggravated By Exposure</b> – Pre-existing eye or respiratory disorders.					
<b>Section 4~ First Aid Measures</b>					
<i>Eyes</i> — Flush with water for 15 minutes. If discomfort persists, seek medical attention.					
<i>Skin</i> — Not applicable/outer fabric: If molten, treat as thermal burn					
<i>Inhalation</i> — Remove persons to fresh air if excessive amounts of dust inhaled. Try to expel any material in breathing passages. If irritation persists, severe coughing or respiratory difficulty occur, seek medical attention.					
<i>Ingestion</i> — Not considered harmful in small quantities. If discomfort persists, seek medical attention.					
<b>Section 5 ~ Fire Fighting Measures</b>					
<b>Flash Point (Method Used):</b>	None	<b>Flammable Limits</b>		<b>LEL:</b>	N/E
				<b>UEL:</b>	N/E
<b>Extinguishing Media</b> — Water, dry chemical, foam, carbon dioxide, halon (use media appropriate to conditions).					
<b>Special Fire Fighting Procedures</b> — Wear a self-contained breathing apparatus & refer to absorbed liquid(s) SDS					
<b>Unusual Fire and Explosion Hazards</b> — Caution: Contents slippery when wet.					
<b>Hazardous Decomposition Products</b> — When heated above melting point – Outer fabric: Carbon monoxide, carbon dioxide, acrolein, ketones, aldehydes and other unidentified organic compounds.					
<b>Section 6 ~ Accidental Release Measures</b>					
<b>Steps to be Taken in Case Material is Released or Spilled –</b>					
<b>Containment</b> — Sweep or vacuum material when possible & shovel into a waste container.					
<b>Clean up</b> — Use caution after contact with water, as extremely slippery conditions will result. Residuals may be flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.					
<b>Evacuation</b> — None required					
<b>Special</b> — Avoid respirable dust inhalation during clean-up. Wear appropriate respirator.					
<b>Section 7 ~ Handling and Storage</b>					
<b>Precautions to be Taken in Handling and Storing –</b>					
Store in a dry closed container. Keep container closed to prevent. Absorption of moisture. Handle as an eye and respiratory tract irritant					
<b>Work/Hygienic Practices</b> – Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc.					
<b>Section 8 ~ Exposure Controls/Personal Protection</b>					
<b>Engineering Controls</b> – This product is not regulated as a hazardous material.			<b>Ventilation</b> — Not required.		

<b>Skin Protection</b> – Not applicable.	<b>Eye Protection</b> – Not required, safety glasses can be worn for good industrial practice.	<b>Respiratory Protection</b> – Not required.
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**Section 9 ~ Physical Chemical Properties**

<b>Boiling Point</b>	Not applicable	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.5
<b>Vapor Pressure (mm/hg)</b>	Not applicable	<b>Melting Point</b>	Not applicable/Outer Fabric: 248 - 338°F
<b>Vapor Density (Air=1)</b>	Not applicable	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Not applicable
<b>Solubility in Water</b>	Swells in water, slightly water soluble/outer fabric: Not applicable.	<b>pH</b>	5.5 – 6.5 (1% in water)
<b>Appearance and Odor</b> — <i>Inner contents:</i> White granular powder. <i>Outer contents:</i> Solid black needle punch fabric. No odor.		<b>VOC%</b>	-

**Section 10 ~ Stability and Reactivity**

<b>Stability:</b> Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	<b>Conditions to Avoid</b> – Open flames and sparks.	<b>Hazardous Polymerization:</b> May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>
<b>Incompatibility (Materials to Avoid)</b> – Water activates internal product. Strong oxidizing bases may degrade outer fabric.		<b>Hazardous Decomposition or Byproducts</b> – Not established. Outer fabric may emit toxic fumes when heated.

**Section 11 ~ Toxicological Information**

**Toxicological Information:** Acute inhalation of respirable dust may cause irritation of the upper respiratory tract and lungs.

**Acute Toxicity** – LD50/LC50 Sodium Polyacrylate, LD50: Oral LD50 Rat: 40 mg/kg

**Section 11 Notes:** Chronic inhalation exposure to rats for lifetime (2 years) using Sodium Polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produced non-specific inflammation and chronic lung injury at 0.2mg/m3 and 0.8mg/m3. also, at 0.8mg/m3, tumors were seen in some test animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects detected at 0.05mg/m3.

**Section 12 ~ Ecological Information**

**Ecological Information:** Composted Polyacrylate absorbents are non-toxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

**Section 12 Notes:** Polyacrylate absorbents are relatively inert & anaerobic conditions. They are immobile in landfills & soil systems (greater than 90% retention), with the mobile interaction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain-disposal of small quantities of Polyacrylic absorbents will not affect the performance of wastewater treatment systems.

**Section 13 ~ Disposal Considerations**

**Waste Disposal Method** — If unused, no special precautions are necessary. This product is not subject to the 40 CFR part 268.30 land ban on the disposal of certain hazardous wastes. 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.

**RCRA Hazard Class:** None

**Section 14 ~ Transport Information**

This product is not transport regulated.

**Section 15 ~ Regulatory Information**

**U.S. Federal Regulation:** No components are listed in the WHMIS IDL

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

**CERCLA (Comprehensive Response Compensation, and Liability Act):** No reportable quantity.

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

**311/312 Hazard Categories:**

**313 Reportable Ingredients:**

**State Regulations:**

**International Regulations:**

**Section 15 notes:** This product is not state or federally regulated as a hazardous material. CFR references for the FDA Regulated components in this product are listed. Sodium Polyacrylate (9003-04-7) Direct Food Additive: 173.73, 173.310 Indirect Food Additives I: 175.105

**Section 16 ~ Other Information**

	NFPA	HMIS	Key
HEALTH	1	0	4= Severe
FLAMMABILITY	1	1	3= Serious
REACTIVITY	1	1	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

Disclaimer: The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with federal, state or local laws.