SAFETY DATA SHEET: May be used to comply with OSHA’s Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

EFFECTIVE DATE: April 24, 2015

SECTION I CHEMICAL PRODUCT & SUPPLIER’S IDENTIFICATION

Product Name: Waste Lock® Teabag Style Absorbent Socks
Chemical Name: Sodium Polyacrylate, Crosslinked in Polyolefin Fabric Sleeve

M² Polymer Technologies, Inc.
P.O. Box 365
West Dundee, IL 60118

Telephone Number for Information: 847/836-1393
Last Update: April 24, 2015

SECTION II HAZARD IDENTIFICATION

Emergency Overview
If the fabric sleeve is cuts or torn the Sodium Polyacrylate can be released. Sodium Polyacrylate is a white, granular, odorless polymer that forms a gel-like material with water. It is insoluble in water and causes slippery conditions when wet. Although not regulated as a hazardous material, the respirable dust is a potential respiratory tract irritant. An eight-hour exposure limit of 0.05 mg/m³ is recommended.

Potential Health Effects - Eyes
Dust may cause burning, drying, itching and other discomfort resulting in reddening of the eyes.

Potential Health Effects - Skin
Dust exposure, such as in manufacturing, may aggravate existing skin conditions due to drying.

Potential Health Effects - Ingestion
Not a likely route of entry. Tests show that polyacrylate absorbents are non-toxic if ingested. However, as in the instance of any non-food consumption, seek medical attention in the event of any adverse symptoms.

Potential Health Effects - Inhalation
Respirable dust exposure may cause respiratory tract & lung irritation and may aggravate existing respiratory conditions.

HMIS Ratings: Health 1  Fire 1  Reactivity 0
Hazard Scale: 0=Minimal  1=Slight   2=Moderate   3=Serious   4=Severe   *=Chronic Hazard

SECTION III COMPOSITION / INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>9003-4-7</td>
<td>Sodium polyacrylate</td>
<td>40-60%</td>
</tr>
<tr>
<td>9003-07-0</td>
<td>Polypropylene/Polyester Blend w/ 0.1% Surfactant</td>
<td>40-60%</td>
</tr>
</tbody>
</table>

Component Information/Information on Non-Hazardous Components
The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. However, the manufacturer recognizes the potential for respiratory tract irritation as a result of inhalation of this material as a respirable dust. See Sections 8, 11, 14 and 15 for further information.

SECTION IV FIRST AID MEASURES

First Aid - Eyes
If Sodium Polyacrylate is released and exposure occurs, immediately flush eyes with water for at least 15 minutes.

First Aid - Skin
Remove polyacrylate absorbent dust from skin using soap and water.

First Aid - Ingestion
Non-toxic. However, if adverse symptoms appear, seek medical attention.

First Aid - Inhalation
If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.
SECTION V  FIRE FIGHTING MEASURES

General Fire Hazards
No recognized fire hazards associated with the product.

- Upper Flammable Limit (UFL): NE
- Lower Flammable Limit (LFL): NE
- Method Used: None
- Flash Point: > 625°F (> 329°C)
- Flammability Classification: None

Hazardous Combustion Products
None known.

Extinguishing Media
Dry chemical, foam, carbon dioxide, water fog. Slippery conditions are created if spilled products comes in contact with water.

Fire Fighting Equipment/Instructions
Standard procedures for Class A fires. Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health=1  Fire=1  Reactivity=0
Hazard Scale: 0=Minimal  1=Slight  2=Moderate  3=Serious  4=Severe

SECTION VI  ACCIDENTAL RELEASE MEASURES

Containment Procedures
If Sodium Polyacrylate is released, then sweep or vacuum material when possible and shovel into a waste container.

Clean Up Procedures
Use caution if product comes in contact with water as slippery conditions may result. Waste residual may be flushed down a drain with water for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in any approved solid waste landfill.

Evacuation Procedures
None required.

Special Procedures
Avoid respirable dust. Wear a nuisance style dust mask if dusty conditions occur.

SECTION VII  HANDLING AND STORAGE

Handling Procedures
Intact/undamaged teabag socks are non-hazardous.

Storage Procedures
Store in a dry, closed container.

SECTION VIII  EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines
I. General Product Information
   The product is not regulated as a hazardous material.

II. Component Exposure Limits
   No information is available.

Engineering Controls
None required.

Personal Protective Equipment – Eyes & Face
None required.

Personal Protective Equipment – Skin
None required.

Personal Protective Equipment – Respiratory
None required.

Personal Protective Equipment – General
Follow normal safety precautions and maintain good housekeeping. Wash thoroughly after handling.
SECTION IX  PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Gray fabric with sewn pockets</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility (H₂O)</td>
<td>Not soluble</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>&gt; 320°F (&gt; 160°C)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.88 – 0.92</td>
</tr>
</tbody>
</table>

SECTION X  CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability
Product is stable.

Incompatibility
Avoid contact with hot or concentrated nitric and perchloric acid, sulfuric acid or 98% sulfuric acid at 60°C or above.

Hazardous Decomposition
None

Hazardous Polymerization
Will not occur

SECTION XI  TOXICOLOGICAL INFORMATION

General Product Information
Acute inhalation of respirable dust may cause irritation of upper respiratory tract and lungs.

Acute Toxicity – LD50/LC50
Sodium polyacrylate (CAS 09003-04-7)
LD50: Oral Rat 40 grams/kilogram

Carcinogenicity
None

Component Carcinogenicity
No information is available.

Chronic Toxicity
Chronic exposure to rats for a two-year lifetime using Sodium Polyacrylate that had been micronized to a respirable size (< 10 µm) produced non-specific inflammation and chronic lung injury at 0.2 mg/m³ and 0.8 mg/m³. Also at 0.8 mg/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 0.05 mg/m³.

Mutagenicity
Sodium polyacrylate had no effect in mutagenicity tests.

SECTION XII  ECOLOGICAL INFORMATION

Ecotoxicity
General Product Information
Composted polyacrylate absorbents are nontoxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

Component Analysis – Ecotoxicity & Aquatic Toxicity
No information available

Environmental Fate
Polyacrylate absorbents are largely inert in aerobic and anaerobic conditions. They are immobile in landfills and soils systems with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental drain disposal of small quantities of polyacrylate absorbents will not affect the performance of wastewater treatment systems.

SECTION XIII  DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions
General Product Information
Product is non-hazardous waste material suitable for approved solid waste landfills.

Component Waste Numbers
No EPA Waste Numbers are applicable for this product’s components

Disposal Instructions
Dispose of in accordance with Local, State and Federal regulations.
SECTION XIV  TRANSPORTATION INFORMATION

International Transportation Regulations
The product is not transport regulated.

SECTION XV  REGULATORY INFORMATION

U.S. Federal Regulations
General Product Information
The product is not Federally regulated as a hazardous material.

Clean Air Act
No information available.

Component Analysis
No information available.

Food & Drug Administration
Code of Federal Regulations (CFR) references the following regulated components:
Sodium Polyacrylate (CAS 09003-04-7)
- Directed Food Additives: 173.73, 173.310
- Indirect Food Additives: 175.105

State Regulations
General Product Information
The product is not regulated by any State as a hazardous material.

Component Analysis - State
None of the components are listed on State lists from CA, FL, MA, MN, NJ or PA.

Component Analysis – WHMIS IDL
None of the components are listed in the WHMIS IDL.

Component Analysis - Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>TSCA</th>
<th>CAN</th>
<th>EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Polyacrylate</td>
<td>09003-04-7</td>
<td>Yes</td>
<td>DSL</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION XVI  OTHER INFORMATION

Other Information
The information presented in this document is presented in good faith and is believed to be accurate as to the effective date given. However, no warranty, expressed or implied is given. It is the buy’s responsibility to ensure that its activities comply with Federal, State or provincial and local laws.