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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

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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

CAS #	Component	Percent
9003-4-7	Sodium polyacrylate	40-60%
9003-07-0	Polypropylene/Polyester Blend w/ 0.1% Surfactant	40-60%

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

Appearance:	Gray fabric with sewn pockets	Odor:	None
Physical State:	Solid	pH:	Not applicable
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	> 320°F (> 160° C)
Solubility (H₂O):	Not soluble	Specific Gravity:	0.88 – 0.92
Evaporation Rate:	Not applicable		

SECTION X CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability

Product is stable.

Chemical Stability: Conditions to Avoid

None

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)

Direct 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

Component	CAS #	TSCA	CAN	EEC
Sodium Polyacrylate	09003-04-7	Yes	DSL	No

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.