

Material Name: Ubersorb – Flood Barrier 5ft & 10ft
Date Prepared: November 6, 2018

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product Name: Flood Barrier

CAS#:

CAS no: 9003-05-8

CAS no: 65996-61-4

CAS no: 80595-68-2

CAS no: 9003-07-0

CAS no: 9004-34-6

CAS no: 1333-86-4

CAS no: 9010-86-0

CAS no: 026221-73-8

Generic name: Flood Barrier

Formula: Mixture

Chemical Name: Sodium polyacrylate, Pulp, Polyester, Polypropylene, Cellulose, Carbon black, Vinyl acetate-ethylene copolymer, Copolymer of ethylene & octene

Hazard Label: None Required

Trade Names: **Ubersorb Flood Barrier, Flood Barrier 5ft, Flood Barrier 10ft**

Section 2 – Composition / Information on Ingredients

Additional Component Information:

The products listed in Section 1 are articles under OSHA's Hazard Communication Standard (29 CFR 1910.1200) and do not require a material safety data sheet or hazard warning label. An article is a manufactured item which is formed to a specific shape or design which has end-use function(s) dependent in whole or in part upon its shape or design during end use; and which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees.

Section 3 – Hazards Identification

Emergency Overview

APPEARANCE AND ODOR: Absorbent core material inside sealed and printed material. No odor.

Under normal conditions of use, this product is not expected to create any unusual emergency hazards at ambient temperatures (-18 to +38 degrees C / 0 to 100 degrees F).

Solid material, may burn at or above 300 degrees C.

In the event of fire, firefighting media includes: water, Dry Chemical, CO2, or Foam

Potential Health Effects

Summary:

The products listed in Section 1 are articles under OSHA's Hazard Communication Standard (29 CFR 1910.1200) and do not require a material safety data sheet or hazard warning label. An article is a manufactured item which is formed to a specific shape or design which has end-use function(s) dependent in whole or in part upon its shape or design during end use; and which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees.

Inhalation

If inhaled, remove to fresh air. If necessary, seek medical attention.

Skin

Wash with soap and water, remove contaminated clothing. Barrier creams or protective clothing are recommended as repeated prolonged exposure can cause dermatitis.

Absorption

Not applicable

Ingestion

Seek medical advice if feeling unwell

Eyes

Rinse for a prolonged period with plenty of water, if necessary consult a doctor.

Target Organs

None

Primary Routes of Entry (Exposure)

None

Medical Conditions Aggravated by Exposure

None

Section 4 – First Aid Measures

First Aid: Inhalation

If inhaled, remove to fresh air. If necessary, seek medical attention.

First Aid: Skin

Wash with soap and water, remove contaminated clothing. Barrier creams or protective clothing are recommended as repeated prolonged exposure can cause dermatitis.

First Aid: Ingestion

Seek medical advice if feeling unwell

First Aid: Eyes

Flush eyes thoroughly with water for several minutes and seek medical attention if discomfort persists.

First Aid: Notes to Physician

None

Section 5 – Fire Fighting Measures

Flash Point: Not applicable

Upper Flammable Limit (UFL): Not determined

Auto Ignition: >300 degrees C

Rate of Burning: Not determined

General Fire Hazards:

Not a fire hazard.

Extinguishing Media:

Carbon dioxide (CO₂), water, water fog, dry chemical.

Fire Fighting Equipment/Instructions:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Method Used: ASTM D-1929

Lower Flammable Limit (LFL): Not determined

Flammability Classification: Not determined

Section 6 – Accidental Release Measures

Personal Protection:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Leaks & Spills

Sweep up any spilt powder avoiding contact with water as it becomes extremely slippery.

Clean-Up Procedure

No special clean up procedures in place

Section 7 – Handling and Storage

Handling Procedures

As with all textile dust can be set free local law must be considered.

Storage Procedures

Although the product is not explosive or highly inflammable it must be kept away from ignition sources, store in a dry place.

Section 8 – Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information

No special protective measures are necessary for use of the products listed on this material safety data sheets. These products are articles; under normal conditions of use they are not expected to release or otherwise result in exposure to hazardous chemicals.

B. Component Exposure Limits

This material has no components listed.

PERSONAL PROTECTIVE EQUIPMENT:

Personal Protective Equipment: Eyes/Face

Protective Goggles

Personal Protective Equipment: Skin

Protective clothing and safety goggles

Personal Protective Equipment: Respiratory

Use respiratory protection when exceeding limit and dust is formed. Ensure sufficient workplace ventilation.

Ventilation:

Not applicable

Personal Protective Equipment: General

Section 9 – Physical & Chemical Properties

Appearance: Absorbent core material inside sealed and printed material Odor: No odor

Physical State: Solid

pH: Not applicable

Vapor Pressure: N/A

Vapor Density: Not applicable

Boiling Point: Not applicable

Melting Point: >90 degrees C

Solubility (H₂O): Insoluble

Specific Gravity: Varies by grade

Freezing Point: Not applicable

Evaporation Rate: Not applicable

Percent Volatile: Not applicable

VOC: Not applicable

Section 10 – Chemical Stability & Reactivity Information

Chemical Stability:

This is a stable material. This product is not reactive.

Chemical Stability: Conditions to Avoid

Stable under usual application conditions. Above 300°C may release toxic and flammable gases, carbon monoxide.

Hazardous Polymerization:

Will not occur.

Section 11 – Toxicological Information

Acute Toxicity

A: General Product Information

Because it will not release, or otherwise result in exposure to a hazardous chemical under normal conditions of use, this product is not expected to cause any acute toxicological effects.

B: Component Analysis – LD₅₀/LC₅₀

This material has no components listed.

Carcinogenicity

A: General Product Information

A chronic (two-year) lifetime inhalation study on rats, carried out with micronized dust of a superabsorbent polymer (in order to produce fully respirable particles) resulted in an unspecified inflammatory reaction in the lungs which caused the formation of tumors in some animals receiving the highest chronically administered concentration (see monitoring of the workplace/ protective equipment in section 8). Without chronic inflammation tumors are not to be expected. The study produced a NOEL definition of 0.05 mg/cbm for micronized dust of superabsorbent polymer

B: Component Carcinogenicity

This material has no components listed.

Chronic Toxicity:

No chronic health effects are expected from the normal use of this product.

Section 12 – Ecological Information

Elimination information (persistence and degradability)

Biodegradability: Poses no ecological hazard.

Physico-chemical Removability: The product is easy to eliminate in water-treatment plants due to its insolubility

Section 13 – Disposal Considerations

US EPA Waste Number & Descriptions

Product: Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant

Contaminated packaging: Ungamanged packaging may be responsible reused after proper cleaning.

Section 14 – Transportation Information

US DOT Information

Not dangerous goods

Section 15 – Regulatory Information

US Federal Regulations

A: General Product Information

No information on this product as a whole.

B: Component Analysis

This material has no components listed.

State Regulations

A: General Product Information

No information available.

B: Component Analysis – State

This material has no components listed.

Other regulatory Information

A: General Product Information

No information available for the product.

B: TSCA Status

This material has no components listed.

Component Analysis – WHMIS IDL

This material has no components listed.

Section 16 – Other Information

Other Information

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 provincial and local laws.

Contact information:

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