



# Moisture Retention Mat

## Safety Data Sheet

Date of issue: February 14, 2019

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Roll  
Trade name : Moisture Retention Mat

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : For use to retain moisture and nutrients for use by the vegetation layer.

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer/Supplier

Hydrotech Membrane Corporation  
10951 Parkway  
H1J 1S1 Anjou (Québec) - Canada  
T 1-514-353-6000  
[info@hydrotechmembrane.ca](mailto:info@hydrotechmembrane.ca) - [www.hydrotechmembrane.ca](http://www.hydrotechmembrane.ca)

#### 1.4. Emergency telephone number

Emergency number : Professional Emergency Resource Services (PERS) Domestic/Canada: 1-800-633-8253  
International : 1-801-629-0667  
POISON CONTROL CENTER (QC 24 hours): 1-800-463-5060

### SECTION 2: Hazards identification

#### Overview:

No hazardous components in geotextile fabrics at or above threshold limit values. Polypropylene nonwoven fabrics are "articles" and are not hazardous under OSHA Hazard Communication Standard (29 CFR 1910.120). GHS Label Elements are not required.

### SECTION 3: Composition/information on ingredients

Ingredient Chemical Name (CAS#) Common Name	OSHWA PEL or TWA	ACGIH TLV	Weight %
Polypropylene Resin (9003-07-0)	Not Applicable	Not Applicable	94 – 99%
Carbon Black (1333-86-4)	3.5 mg/cm TWA	3.5 mg/cm TWA	0 – 5%
Fatty Glycol and Additives (non-hazardous)	Not Applicable	Not Applicable	< 1%

### SECTION 4: First aid measures

**Eye Contact:** Flush with Water  
**Skin Contact:** Treat as thermal burn if contact with molten. Wash with soap and water.  
In case of irritation, consult a physician.  
**Inhalation:** Not likely in current form.  
**Ingestion:** Not likely in current form.

### SECTION 5: Fire-fighting measures

**Flash Point:** > 600 degrees (F)

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<b>Extinguishing Media:</b>	Dry Chemical, CO <sub>2</sub> , Foam, Water, Halon
<b>Special Fire Fighting Procedure:</b>	Avoid Inhalation of Vapours. Use self-contained breathing apparatus when fire fighting in confined areas
<b>Unusual Fire and Explosion Hazards:</b>	Treat as a solid that can burn. Generally burns slowly with low smoke density and flaming drips. Burns with high smoke density under certain conditions.

### SECTION 6: Accidental release measures

No environmental threat is expected from release.

### SECTION 7: Handling and storage

**Handling:**  
Practice reasonable care and caution in handling. Large rolls may require lifting devices.

**Waste Disposal:**  
Place in appropriate disposal facility in compliance with local regulation

**Storage:**  
In cool, dry locations away from oxidizing materials.

### SECTION 8: Exposure controls/personal protection

#### Personal Protective Equipment

Use NIOSH respirators when hot/molten product.  
Protective Gloves: Required when handling molten product  
Practice general hygiene by washing hands and clothes after handling.

### SECTION 9: Physical and chemical properties

<b>Boiling Point:</b>	Not Applicable
<b>Vapour Pressure:</b>	Not Applicable
<b>Specific Gravity:</b>	0.9-0.905
<b>Melting Point:</b>	120-170 Degrees (C)
<b>Vapour Density:</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Applicable
<b>Solubility in Water:</b>	Not Applicable
<b>Appearance and Odour:</b>	Essentially odourless; wound on cardboard core

### SECTION 10: Stability and reactivity

Material is stable. Hazardous polymerization will not occur. Do not store near heat, flame, or strong oxidants.

### SECTION 11: Toxicological information

<b>Inhalation:</b>	Not likely under normal use.
<b>Injection:</b>	Not likely under normal use.
<b>Ingestion:</b>	Not likely in current form.
<b>Skin Contact:</b>	Prolonged contact may cause mild skin irritations to some individuals.
<b>Eye Effects:</b>	Not toxic, may irritate eyes.
<b>Target Organs:</b>	None
<b>Chronic:</b>	There are no known health effects from long term use or contact.
<b>Carcinogenicity:</b>	The International Agency for Research on Cancer evaluation is that, "Carbon black (unbound, airborne particles of respirable size) is possibly carcinogenic to humans (Group 2B)".

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### SECTION 12: Ecological information

Environmental Data: Not expected to be hazardous to the environment in present form.

### SECTION 13: Disposal considerations

**Disposal:**

Spent material should be recycled or disposed according to current regulations. Does not contain RCRA regulated materials.

### SECTION 14: Transport information

**Transportation Regulation**

DOT Classification: Not regulated

Proper Shipping Name: Wrapped rolls of fabric made from synthetic fibres. NMFC 49265 Sub 9, Class 70.

### SECTION 15: Regulatory information

U.S. Toxic Substances Control Act (TSCA): All components comprising this product are either exempt or listed on the TSCA Inventory.

Canada Domestic Substances List (DSL): This product is not specified on the DSL or NDSL.

**SARA TITLE III:**

CERCLA/SARA (302) Extremely Hazardous Substances: None listed

SARA (311,312) Hazard Class: None listed

SARA (313) Chemicals: None listed

California Proposition 65: Carbon Black (unbound, airborne particles of respirable size), CAS# 1333-86-4 is listed as a possible carcinogen.

CANADA REGULATIONS (WHMIS): Not Listed

### SECTION 16: Other information

*This information is based on our current knowledge and is intended to describe the product for health, safety and environmental purposes. It should not be interpreted as guaranteeing any specific property of the product.*