



GardMat N

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 : GardMat N

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 : Designed to provide heavy-duty wind and water surface erosion protection and permanent vegetation reinforcement.

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 - 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:

This material is not considered to be hazardous according to regulatory guide lines (see SDS section 15). Standard, 29CFR 1910.1200.

Potential Health Effects

NFPA Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0
HMIS Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0

SECTION 3: Composition/information on ingredients

Product is composed of a blend of compounds. The following information is based on these components separately and not the blend as a whole.

Component	CAS #	Weight %
Carbon Black (Pigment Black 7) Class D2A WHIMS Canada	(1333-86-4)	Proprietary

SECTION 4: First aid measures

Negligible hazards at room temperature under normal use.

Eye Contact: Solid particles may cause transient irritation as a result of mechanical abrasion
Skin Contact: Essentially no irritation.
Inhalation: Not likely in current form.
Ingestion: May cause choking if swallowed.

SECTION 5: Fire-fighting measures

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Extinguishing Media:

Dry Chemical, CO₂, Foam, Water, Halon

Fire Fighting Procedure:

Assure an extended cooling down period to prevent re-ignition.
Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).
Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products:

Smoke, fumes, incomplete combustion products. Oxides of carbon, nitrogen oxide.

Flammability Properties:

Flash Point Method: N/D
Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D
Auto ignition Temperature: N/D

SECTION 6: Accidental release measures

Notification Procedures

None required

Spill Management:

Land spill: Not applicable; product is not a liquid or flowable powder.
Water spill: No immediate action required.

SECTION 7: Handling and storage

Handling:

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

Storage:

In cool, dry locations.

SECTION 8: Exposure controls/personal protection

Component	Exposure Limits		
	ACGIH	NIOSH	OSHA-PELs
Carbon Black	TWA-Tot: 3,5 mg/m ³	ND	TWA-Tot: 3,5 mg/m ³

Note: Limits / standards show for guidance only. Follow applicable regulations.

Personal Protective Equipment

Personal protective equipment selection varies based on potential exposure condition such as applications, handling practices, concentration and ventilation.

Respiratory Protection:

No special requirements under ordinary conditions of use and with adequate ventilation.

Hand protection:

No special requirements under ordinary conditions of use.

Eye protection:

No special requirements under ordinary conditions of use.

Skin and Body protection:

No special requirements under ordinary conditions of use.

Specific Hygiene Measures:

No special requirements under ordinary conditions of use.

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SECTION 9: Physical and chemical properties

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the supplier for additional information.

General Information

Physical state:	Solid
Form:	Netting
Colour:	Natural
Odour:	None to mild
Odour threshold:	N/D

Important Health, Safety and Environmental Information

Relative density (at 20°C):	>1		
Flash point (Method):	Not Applicable		
Flammable limits (Approximate volume % in air):	LEL: N/D	UEL: N/D	
Auto ignition temperature:	Not Applicable		
Boiling point/range:	Not Applicable		
Vapour density (Air=1):	Not Applicable		
Vapour pressure:	Not Applicable		
Evaporation rate (n-butyl acetate=1):	Not Applicable		
pH:	Not Applicable		
Log pow (n-octanol/water partition coefficient):	Not Applicable		
Solubility in water	Negligible		
Viscosity:	Not Applicable		
Oxidizing properties:	Not Applicable		

SECTION 10: Stability and reactivity

Stability:	Material is stable under normal conditions
Conditions to avoid:	None
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	Material does not decompose at ambient temperatures
Hazardous polymerization:	Will not occur

SECTION 11: Toxicological information

Acute Toxicity

Route of exposure	Conclusion/Remarks
Inhalation	
Toxicity: Data available	N/D
Irritation: Data available	N/D
Ingestion	
Toxicity: Data available	N/D
Skin	
Toxicity: Data available	N/D
Irritation: Data available	N/D
Eye	
Irritation: Data available	N/D

SECTION 12: Ecological information

The information given is based on data available for the material, the components of the material, and similar materials.

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Ecotoxicity: N/D

Mobility: N/D

Persistence and degradability

Biodegradation: N/D

Hydrolysis: N/D

Photolysis: N/D

Atmospheric oxidation: N/D

Bioaccumulation potential: N/D

SECTION 13: Disposal considerations

Disposal:

Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

SECTION 14: Transport information

Land (DOT): Not regulated for land transport

Land (TDG): Not regulated for land transport

Sea (IMDG): Not regulated for sea transport according to IMDG code

Air (IATA): Not regulated for air transport

SECTION 15: Regulatory information

OSHA hazard communication standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200

EPCRA: This material contains no hazardous substances.

SARA (311,312) Reportable Hazard Categories: None listed

SECTION 16: Other information

N/D = Not determined, N/A = Not applicable

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.