

**SECTION 1: IDENTIFICATION****Product Identifier**

Product Name DELTA®-MS 20

Intended Use of the Product

Drainage membrane

Name, Address, and Telephone of the Responsible Party

Dörken Systems Inc.

Mr. Colin Szewaga, Building Science Manager

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Emergency Telephone Number

Company Number: (905)- 563-3255

CANUTEC (Canada):613-996-6666

CHEMTREC (USA): 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION**Classification of the Substance or Mixture**

OSHA Regulatory Status This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label Elements

Emergency Overview

Hazard Statements

None

Appearance: Sheet**Physical State:** Solid**Odor:** Slight**Precautionary Statements – Prevention**

Not Applicable

Precautionary Statements – Response

Not Applicable

Hazards not otherwise classified (HNOC)

Not Applicable

Unknown acute toxicity (GHS-US)

Not Applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

Name	Product Identifier	% (w/w)
Polyethylene	(CAS No) 9002-88-4	0.00 – 98.00
Carbon black	(CAS No) 1333-86-4	0.012576 – 0.06288
Titanium dioxide	(CAS No) 13463-67-7	0.06288 – 0.01886

SECTION 4: FIRST AID MEASURES**Description of first aid measures**

General: Seek medical advice immediately in case of accident or feeling unwell (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

Eye Contact: Keep eyes wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.



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- Skin Contact:** Wash immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.
- Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.
- Ingestion:** Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.
- Self-protection:** Use personal protective equipment as required.

Most Important Symptoms and Effects Both Acute and Delayed

None known

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, sand, earth, water spray or regular foam.
- Unsuitable:** Do not use a solid water stream as it may scatter and spread fire.

Special Hazards Arising From the Substance or Mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Explosion data

Reactivity: Hazardous reactions will not occur under normal conditions.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

- General Measures:** Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.
- Environmental Precautions:** Collect spillage. Dispose of contents/container to an approved waste disposal plant.
- Methods and Materials for Containment and Cleaning Up**
- For Containment:** No information available
- Methods for Cleaning Up:** Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

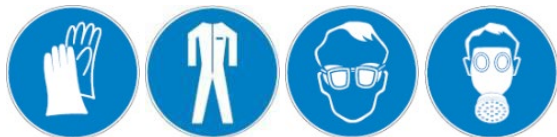
- Advice of Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.
- Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

- Exposure Guidelines:** This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.
- Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.
Wear respiratory protection in cases of insufficient ventilation.



Other Information: Do not eat, drink or smoke when handling and installing material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Brown
Odor	: Not available
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: 120 - 160 °C (248 - 320 °F)
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: 350 °C (662 °F)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: > 300 °C (572 °F)
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity / Density	: 0.96
Specific Gravity	: Not available
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data - Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data - Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Hazardous reactions will not occur under normal conditions.
Chemical Stability:	Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).
Incompatible Materials:	Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition Products:	At very high temperature: release of combustible gases.



SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Not classified
Respiratory or Skin Sensitization:	Not classified
Ingestion:	Ingestion may cause adverse effects

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General:	Not classified
Mobility in Soil:	Not available
Other Adverse Effects:	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations:	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
Additional Information:	Container may remain hazardous when empty. Continue to observe all precautions.
Ecology - Waste Materials:	Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT:	Not regulated for transport
In Accordance with IMDG:	Not regulated for transport
In Accordance with IATA:	Not regulated for transport
In Accordance with TDG:	Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Polyethylene (9002-88-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Carbon Black (1333-86-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Titanium dioxide (13463-67-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Carbon black (1333-86-4)	
U.S. - California - Proposition 65 - Carcinogens List	This product contains chemicals known to the State of California to cause cancer.
Titanium dioxide (13463-67-7)	
U.S. - California - Proposition 65 - Carcinogens List	This product contains chemicals known to the State of California to cause cancer.

Canadian Regulations

Polyethylene (9002-88-4)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Carbon black (1333-86-4)	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Titanium dioxide (13463-67-7)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects



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SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Preparation Date: February 23, 2024

Party Responsible For The Preparation of This Document

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A **DÖRKEN**GROUP Company

Disclaimer

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