

**Section 1 – Identification**

Trade Name and Synonyms: **Mirafi® Nonwoven Geotextile and Nonwoven Industrial Fabrics**

Chemical Name and Family: Polypropylene Fibers

Recommended Use: Construction

**Chemtrec Emergency, 24-hour phone 800-424-9300**

TenCate Phone: 800-685-9990

Manufacturer: TenCate Geosynthetics Americas, 365 South Holland Drive, Pendergrass GA 30567

**Section 2 – Hazard Identification**

**Overview:** Based upon pertinent data available, polypropylene nonwoven fabrics are “articles” and are not hazardous under OSHA Hazard Communication Standard (29 CFR 1910.120).

GHS Label Elements: Not Required

**Section 3 – Composition**

Ingredient Chemical Name (CAS#) Common Name	OSHA PEL or TWA	ACGIH TLV	Weight %
Polypropylene Resin (9003-07-0)	N/A	N/A	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)	N/A	N/A	< 1%

**Section 4 – First Aid**

**Inhalation:** Not likely in current form.

**Ingestion:** Not likely in current form.

**Eye Contact:** As with any foreign object, flush with water. If pain or irritation persists, consult physician.

**Skin Contact:** Wash with soap and water. In case of irritation, consult physician.

**Section 5 – Fire Hazard**

Flash Point: Greater than 300°C

Flammable Limits: Not Available

**Extinguishing Media:** Can use Water Spray or Carbon Dioxide or Regular Foam or Dry Chemical

Special Fire Fighting Procedures: Material will not burn unless preheated. Over heated or molten material may burn slowly with dense smoke. As with any fire, wear approved self-contained breathing apparatus. Unusual Fire and Explosion Hazards: None known

**Section 6 – Accidental Release**

No environmental threat is expected from release.

**Section 7 – Handling and Storage**

**Handling:** No special handling unless large rolls are used. Use lifting devices as necessary. If product is molten, avoid contact with skin or eyes.

**Storage:** Recommend storing away from oxidizing materials, in a dry area of ambient temperature if possible.

**Section 8 – Exposure Controls / Personal Protection**

**Ventilation Requirements:** Not required for normal use. If process generates dust, use ventilation to keep exposure below permissible exposure limit.

**Personal Protective Equipment:**

**Skin Protection:** Not normally required.

**Eye Protection:** Not normally required.

**Clothing and Equipment:** Normal work clothing.

**Respiratory Protection:** Not normally required, use NIOSH particulate respirator if dust is generated.

**Section 9 – Physical and Chemical Characteristics**

Boiling Point: N/A

Specific Gravity (H<sub>2</sub>O=1): Less than 1

Solubility in Water: Insoluble

Vapor Pressure (mm Hg.): N/A

Evaporation Rate (Butyl Acetate=1): N/A

Vapor Density (Air =1): N/A

Melting Point: about 320°F

Appearance and Odor: Fabric wound on a cardboard core.

**Section 10 – Stability and Reactivity**

**Stability:** Stable      **Conditions to Avoid:** Do not store near heat, flame or strong oxidants.  
**Incompatibility (Materials to Avoid):** Strong oxidizers.  
**Hazardous Polymerization:** Will not occur under normal conditions of storage and use.  
**Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide, Hydrocarbons, Dense Smoke.

**Section 11 – Toxicological Information (routes of exposure)**

**Inhalation:** Not likely under normal use.      **Injection:** Not likely under normal use.  
**Skin Contact:** Prolonged contact may cause mild irritation in some individuals.  
**Ingestion:** Not likely in current form.

**Eye Effects:** Not toxic, may irritate eyes   **Skin Effects:** Not toxic, may irritate skin   **Target Organs:** None  
**Chronic:** There are no known health effects from the long term use or contact.  
**Carcinogenicity:** The International Agency for Research on Cancer (IARC) evaluation is that, "Carbon black (airborne, unbound particles of respirable size) is possibly carcinogenic to humans (Group 2B)".  
**Mutagenicity and Reproductive Effects:** Not believed to be mutagenic or a reproductive hazard.

**Section 12 – Ecological Information**

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

**Section 13 – Disposal Information**

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

**Section 14 – Transport Information**

**DOT Classification:** Not Regulated  
**Proper Shipping Name:** Wrapped rolls of fabric made from synthetic fibers. NMFC 49265 Sub 9, Class 70

**Section 15 – Regulatory Information**

**USA TSCA:** This product is considered an article and is exempt from TSCA requirements.  
**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 (airborne, unbound particles of respirable size), CAS# 1333-86-4 is listed as a possible carcinogen.

**CANADA REGULATIONS (WHMIS):** Not listed

**Section 16 – Other Information**

**Date Prepared or Revised:** April 14, 2015

The information and recommendations contained in this publication have been compiled from sources believed to be reliable and current. Our products can be used in many different applications. Therefore, we make no guarantee that the recommendations will be adequate for all individuals or all situations. Each user of the product described herein should determine the suitability for their particular purpose and should comply with all federal and state rules and regulations concerning the described products.