

Material Safety Data Sheet

A. Identity

Chemical Name or Synonyms PP, PE Fiber	Trade Names TENCATE, Thiolon, Polyloom
Manufacturer's Name TENCATE GRASS North America	Color Name/Number Any Color PE
Address 1131 Broadway St. Dayton, TN. 37321, U.S.A.	Emergency Telephone or Contact (423)775-0792

B. Hazardous Ingredients

This product does not contain any hazardous ingredients.		
<u>CAS#</u>	<u>Chemical Name</u>	<u>% by Weight</u>
	None	
This product is considered to be a non-hazardous chemical under the federal Occupational Safety and Health Administration hazard communication Standard 29 CFR 1910.1200.		

C. Physical data

Boiling Point	N/A	Melting Point	PE=125± 6 PP=168± 5
Vapor Pressure (mm HG & temp.)	N/A	Specific Gravity (H ₂ O = 1)	PE=0.90-0.96 PP=0.90-0.93
Molecular Weight	N/A	Percent Volatile by Volume	N/A
Vapor Densit (air = 1)	N/A	Evaporation Rate	N/A

D. Reactivity Data

Stability (thermal, light, ect.)	Unstable Stable	X	Conditions to avoid: None
Incompatibility (materials to avoid): Some hydrocarbons may cause swelling at room temperature. Some solvents will dissolve yarn at elevated temperature.			
Hazardous Decomposition Products:		N/A	
Hazardous Polymerization		May Occur Will not Occur	
Conditions to avoid:		None	

E. Fire Hazard Data

Flash Point: >600°F	Autoignition Temp(°F) >575°F
Flammable Limits (% by volume in air):	Lel: N/A Uel: N/A
Extinguishing Method: Water, Foam, Carbon Dioxide, Dry Chemicals, and Halon	
Special Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and to protect personel. Wear self contained breathing apparatus when fighting fire in contained area.	
Unusual Fire and Explosion Hazards: Some carbon monoxide smoke formation is possible under oxygen lean conditions.	

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F. Physiological Effects and Hazard Data

Threshold Limit Value:	N/A
Effects from Ingestion; if available LD50 and Species:	No information found
Effects from Skin Absorption; if available LD50 and Species:	N/A
Effects from Inhalation; if available LD50 and Species:	N/A
Skin Irritation and/or Sensitization(species):	No information found
Eye Irritation and/or Injury (species):	N/A
Warning Properties (odor threshold,irritation to eyes, nose, throat):	N/A
Chronic Hazards:	No information found
Industrial and/or Human Experience:	No reported incidents.
Acute Signs or Symptoms of Overexposure:	No information found
Chronic Signs or Symptoms of Overexposure:	No information found
Medical Conditions Aggravated by Exposure:	No information found
Primary Routes of Entry:	No information found
OSHA PEL:	Not established
ACGIH TLV:	Not established
Carcinogenicity:	Not listed as carcinogen or potential carcinogen by NTP, IARC, or OSHA.

G. Emergency and First Aid Procedures

Eye Contact:	Flush with water. Call a physician if needed.
Skin Contact:	N/A
Inhalation:	N/A
Ingestion:	N/A

H. Spill or Leak Procedures

Steps to be taken in case material is released or spilled:
Shut off water source, advise municipal authorities of possible floating non-toxic substance if material enters course of sewer.
Waste disposal method:
Dispose in accordance with federal, state, and local regulations.

I. Control Measures and Precautions

Eye Protection:
Not needed. However, safety glasses or goggles are recommended
Respiratory Protection:
Not needed
Protective Gloves:
Not needed
Ventilation:
Not needed
Other Precautions:
Not needed
Precautions to be taken in handling and storage:
Do not store near flame, heat, or strong oxidants.
Recommendations for Dusty Process:
If there is a potential to generate airborne fiber dust or mist during processing, we recommend an exposure limit of 2.7 mg/m ³ air TWA. Adequate ventilation and, if needed, dust mask are recommended.

J. Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right -To Know Act of 1986 (40 CFR 372):				
<u>CAS#</u>	<u>Chemical Name</u>	<u>% by Weight</u>	<u>% of Total Parent Metal</u>	<u>CAS# of Parent Metal</u>
	None			

K. Legal Disclaimer

While the information and recommendations set forth herein are believed to be accurate and complete as of the date hereof, TENCATE GRASS NORTH AMERICA makes no warranty with respect thereto and disclaims all liability from reliance thereon.
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