

Material Safety Data Sheet

Revision Issued: 1/30/2012 Supercedes: 2/16/2006 First Issued: 4/19/1990

Section I - Chemical Product And Company Identification

Product Name: Hi-Fibe P305

CAS Number: 9003-07-0

HBCC MSDS No. CH03200



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Section II - Composition/Information On Ingredients

		Exposure Limits (TWAs) in Air		
Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	STEL
Polypropylene Homopolymer	9003-07-0	N/A	N/A	N/A

Section III - Hazard Identification

Routes of Exposure: N/A

Summary of Acute Health Hazards

Ingestion: N/A

Inhalation: N/A

Skin: May cause slight skin irritation

Eyes: May cause slight irritation to eyes

Summary of Chronic Health Hazards: None

Signs and Symptoms of Exposure: N/A

Effects of Overexposure: N/A

Medical Conditions Generally Aggravated by Exposure: None known

Note to Physicians: N/A

Section IV - First Aid Measures

Ingestion: Consult a physician if symptoms develop or if a large amount is swallowed.

Inhalation: Inhalation of fibers or fiber dust may cause respiratory irritation.

Skin: Flush with large amounts of water. Consult a physician if irritation persists.

Eyes: In case of contact, do not rub eyes. Flush with plenty of water while holding eyelids open. Consult a physician if irritation persists.

Section V - Fire Fighting Measures

Flash Point: > 329°C; 625°F **Autoignition Temperature:** > 357°C; 675°F

Lower Explosive Limit: N/A **Upper Explosive Limit:** N/A

Unusual Fire and Explosion Hazards: None

Extinguishing Media: Water spray, Dry chemical, Foam, Carbon dioxide, or Halon may be used on fires involving this product.

Special Firefighting Procedures: Standard procedures for Class A fires, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH approved (or equivalent) and full protective gear when fighting fires involving this product.

Section VI - Accidental Release Measures

If material is not contaminated, place into clean containers for use. If contaminated, place into containers for disposal.

Section VII - Handling and Storage

Store in sprinklered warehouse. Keep temperatures below 60°C; 140°F. Use caution when stacking to avoid unstable conditions. To prevent discoloration, store at temperatures below 40°C (104°F), avoid direct sunlight and do not use where there is gas exhaust of NO₂, SO₂, etc.

Section VIII - Exposure Controls/Personal Protection

Respiratory Protection: Avoid breathing fiber and dust

Ventilation: Provide adequate ventilation

Protective Clothing: N/A

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Eyewash fountains and safety showers should be easily accessible.

Work/Hygienic Practices: Wash hands thoroughly after handling, and before eating, drinking, or smoking. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Section IX - Physical and Chemical Properties

Physical State: Solid

pH: N/A

Melting Point/Range: 162°C; 320°F

Boiling Point/Range: N/A

Appearance/Color/Odor: Textured and soft fibers with a slight odor, various colors

Solubility in Water: Negligible

Vapor Pressure(mmHg): N/A

Specific Gravity(Water=1): 0.90-0.93 g/cm³

Molecular Weight: N/A

Vapor Density(Air=1): N/A

% Volatiles (by volume): < 1

How to detect this compound : N/A

Section X - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Excessive heat shall be avoided. Small quantities of fumes are evolved at about 225°C; (435°F) – these gradually increase until at above 300°C;

(572°F) decomposition and oxidative pyrolysis take place. Above 300°C the heat of oxidation may produce a rapid rise in temperature which accelerates the pyrolysis. Under the circumstances hazardous substances such as carbon mono-oxide, formaldehyde and acrolein can be evolved.

Materials to Avoid: Strong acids, bases, and oxidizing materials.

Hazardous Decomposition Products: None known

Section XI - Toxicological Information

N/A

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Consult Federal, State, or Local Authorities for proper disposal procedures. Incineration in a licensed landfill facility is a suitable alternative. Mixing the waste with wood or paper wastes aids in assuring complete combustion.

Section XIV - Transport Information

DOT Proper Shipping Name: N/A

DOT Hazard Class/ I.D. No.: N/A

Section XV - Regulatory Information

Reportable Quantity: N/A

NFPA Rating: Health - 0; Flammability - 1; Instability - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Carcinogenicity Lists: NTP: No **IARC Monograph:** No **OSHA Regulated:** No

Section XVI - Other Information

Synonyms/Common Names: Polypropylene Homopolymer

Chemical Family/Type: N/A

Section(s) changed since last revision: IV, VII, IX, XV

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the

product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.