

## Material Safety Data Sheet

Revision Issued: 1/30/2012    Supercedes: 6/30/2008    First Issued: 3/12/1997

### Section I - Chemical Product And Company Identification

**Product Name: Hi-Fibe P1512**

CAS Number: 9003-07-0

HBCC MSDS No. CH03218



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### Section II - Composition/Information On Ingredients

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

### Section III - Hazard Identification

**Routes of Exposure:**

**Ingestion:** N/A

**Inhalation:** N/A

**Skin:** May cause slight skin irritation with prolonged skin contact

**Eyes:** May cause slight irritation to the eyes

**Summary of Chronic Health Hazards:** None

**Signs and Symptoms of Exposure:** N/A

**Effects of Overexposure:** None known

**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

**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 for quality. This product may react with hot or concentrated nitric and perchloric acids, fuming sulfuric acid at 60°C; 140°F or above, and should not be stored near such materials. To prevent discoloration, store at temperatures below 40°C (104°F), avoid direct sunlight and do not use where there is gas exhaust of NO<sub>2</sub>, SO<sub>2</sub>, 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:** N/A

**Work/Hygienic Practices:** Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. 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:** > 160°C; 320°F

**Boiling Point/Range:** N/A

**Appearance/Color/Odor:** Fiber of various colors, odorless

**Solubility in Water:** Negligible

**Vapor Pressure(mmHg):** N/A

**Specific Gravity(Water=1):** 0.90-0.93 g/cm<sup>3</sup>

**Molecular Weight:** N/A

**Vapor Density(Air=1):** N/A

**% Volatiles: (by volume)** > 0.4

**How to detect this compound :** N/A

#### Section X - Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Excessive heat should be avoided. Small quantities of fumes are evolved at about 225°C; 427°F – these gradually increase until at or 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 these circumstances, hazardous substances such as carbon monoxide, formaldehyde and acrolein can be evolved.

**Materials to Avoid:** Avoid contact with hot or concentrated nitric and perchloric acids, and fuming sulfuric acid at 60°C; 140°F or above.

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

### Section XVI - Other Information

**Synonyms/Common Names:** Polypropylene Homopolymer

**Chemical Family/Type:** N/A

**Sections 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.