

FIBERTEC *Reinforcing the plastics industry*

35 Scotland Boulevard • Bridgewater, MA 02324 • 508-697-5100 • Fax 508-697-7140 • www.fibertecinc.com

MATERIAL SAFETY DATA SHEET

CODE 29 CFR Per OSHA 1910.1200
DATE ISSUED: 4/16/04
TELEPHONE: (508) 697-5100

PREPARED BY: Steve Zunino

HAZARD RATING PER H.M.I.S.

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	E
AVOID MASSIVE INHALATION	

SECTION I - IDENTIFICATION OF MATERIAL

TRADE NAME & SYNONYMS:	MICROGLASS MILLED FIBER - 7000 series
CHEMICAL FAMILY:	Manmade glass fiber
CHEMICAL NAME OR COMPOSITION:	Fibrous Glass (composition consisting principally of oxides of silicon, calcium, aluminum, magnesium and boron fused in an amorphous vitreous state.)

SECTION II - SIGNIFICANT COMPONENTS AND CONTAMINANTS

COMPONENTS:	CAS #	WT %
Fibrous Glass	65997-17-3	> 99.9 %

EXPOSURE LIMITS - OSHA Nuisance Dust PEL-TWA. Total Dust 15 mg/m³ or 50 mppcf; Respirable Dust - 5 mg/m³ or 15 mppcf.
TSCA - Yes

SECTION III - PHYSICAL DATA

APPEARANCE:	Off-white to white color
ODOR:	None
BOILING POINT:	Not applicable
FREEZING POINT:	Not applicable
SPECIFIC GRAVITY:	2.52 to 2.61 g/cc
LOOSE BULK DENSITY:	Varies with product
VAPOR PRESSURE:	Not applicable
EVAPORATION RATE:	Not applicable
VAPOR DENSITY:	Not applicable
SOLUBILITY IN WATER:	Insoluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	None
FLAMMABILITY CLASS:	None
FIRE EXTINGUISHING MEDIA:	Not applicable
SPECIAL FIRE FIGHTING PROCEDURES:	None
UNUSUAL FIRE & EXPLOSION HAZARDS:	None

Final determination of the suitability of the material for the use contemplated is the sole responsibility of the user. No warranty is expressed or implied, and the manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.

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SECTION V - HEALTH HAZARD DATA

TOXICITY:	Primary routes of entry: Inhalation. Non-Carcinogenic as listed by IARC, NTP, or OSHA
HEALTH EFFECTS/FIRST AID PROCEDURES	
EYES:	Acute - Causes irritation. Flush well with plenty of water for at least 15 minutes and obtain medical attention if irritation persists. Chronic - None known.
SKIN:	Acute - Causes mechanical irritation and/or transitory dermatitis. Cleanse with soap and warm water. Get medical attention if irritation persists. Chronic - None known.
INHALATION:	Acute - May cause upper respiratory tract infection. Remove from exposure. Get medical attention if necessary. Chronic - None known.
INGESTION:	Non-Toxic.

Extensive medical – scientific research has been conducted regarding the health aspects of fibrous glass over the past 50 years. The International Agency for Research on Cancer (IARC), an agency of the World Health Organization (WHO), at a meeting in June 1987, reviewed all of the significant research on the health effects attributed to fiber glass. The IARC determined that the data from both human and animal studies was inadequate to classify glass fibers, such as used in our milled glass fiber products, as carcinogenic to humans.

SECTION VI - REACTIVITY DATA

GENERAL REACTIVITY:	Material is stable
INCOMPATIBILITY (materials to avoid):	None
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	None known

SECTION VII - SPILL PROCEDURES DISPOSAL REQUIREMENTS

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: Collect by vacuum or wet methods to prevent dust generation.

WASTE AND CONTAINER DISPOSAL METHODS: Dispose of in accordance with local, state and federal laws and regulation. RCRA - Not regulated.

SECTION VIII - SPECIAL PROTECTION INFORMATION

EYE PROTECTION:	Eye protection is recommended; eyeglasses with side shields recommended for emergency use.
RESPIRATORY PROTECTION:	Use a nuisance type dust respirator.
GLOVES:	Use of long protective gloves is recommended.
VENTILATION:	Local/general mechanical exhaust ventilation is recommended.
OTHER PROTECTION:	Use long sleeves, loose fitted outerwear. Also, the use of barrier cream is recommended.

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SECTION IX - SPECIAL REQUIREMENTS

STORAGE REQUIREMENTS: Store, handle and use product in a manner that will minimize dust generation.

SECTION X - NOTES

This information is offered in good faith as typical values and not as a product specification. The data obtained is believed to be true and accurate; however, no warranty, expressed or implied, is given as to the results obtained thereof.

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