

FIBERTEC

Reinforcing the plastics industry

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MATERIAL SAFETY DATA SHEET

CODE 29 CFR Per OSHA 1910.1200
 DATE ISSUED: 2/1/01
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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 - 9000 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: Depending on each product specification
 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

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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.