

OMEGA ENGINEERING, INC.
MATERIAL SAFETY DATA SHEET
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MSDS-0157
GG-, BKGG-, HH- Wire
REV. DATE: 8/19/94

SECTION 1 - IDENTIFICATION

PRODUCT (TRADE) NAME: Fiberglass Wire Insulation
CHEMICAL FAMILY: --
TRADE NAME SYNONYMS: Continuous Filament Fiberglass
DATE PREPARED: 4/1/93
SUPERSEDES: 7/20/87

SUPPLIER: OMEGA ENGINEERING, INC.
P.O. BOX 4047
STAMFORD, CT 06907

TELEPHONE: (203) 359-1660

SHIPPING NAME (UN NUMBER PER TRANSPORTATION AUTHORITY):
DOT: Not regulated

SECTION 2 - INGREDIENTS AND HAZARDS

INGREDIENTS	%	TLV	PEL
Continuous Filament Fiberglass (CAS #: 65997-17-3)	≥96	10mg/M3	5mg/M3 (Respirable Nuisance Dust)
Surface Sizing	≤2	N/E	
Lubricant - Petroleum Derivative (Trade Secret)	≤2	5mg/M3 (Oil Mist)	5mg/M3 (Oil Mist)

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Solid
BOILING POINT: N/A
VAPOR DENSITY: N/A
WATER SOLUBILITY: Insoluble
VOLATILES (Bare Glass): 0% by weight
SPECIFIC GRAVITY (Bare Glass): 2.59
MELTING POINT (Softening): 800 degrees C
VAPOR PRESSURE: N/A
EVAPORATION RATE: N/A
APPEARANCE: White fibers bound together in strands and wound onto a tube,
copy, or spool.

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SECTION 4 - FIRE AND EXPLOSION HAZARD

FLASH POINT: Non-flammable
EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: None required
UNUSUAL FIRE AND EXPLOSION HAZARD: None

SECTION 5 - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY TO OTHER SUBSTANCES: None known
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Sizing and lubricant may decompose under fire conditions and release carbon monoxide and carbon dioxide.

SECTION 6 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation

HEALTH HAZARDS - ACUTE: Exposure to glass fibers sometimes causes irritation of the skin and, less frequently, irritation of the eyes, nose, or throat.

HEALTH HAZARDS - CHRONIC: A number of epidemiology studies of workers employed up to 40 years in the manufacture of fiberglass has shown no evidence of increases in either malignant or non-malignant respiratory disease attributable to fiberglass exposure.

CARCINOGENICITY: Continuous filament fiberglass has been designated by IARC as a Group 3, "not classifiable as to human carcinogenicity", that is, evidence is insufficient to link this fiber to cancer.

ADDITIONAL INFORMATION: Fiberglass wool used primarily for insulation products is classified by IARC as "a possible human carcinogen" based on studies that showed a slight increase in lung cancer among workers employed in the manufacture of glass wool products. Those same studies showed no evidence of a similar effect among continuous filament fiberglass workers. This product is a continuous filament fiberglass product.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush eyes with clear water for at least 15 minutes - seek medical attention.

SKIN CONTACT: Rinse contacted area with cool water then wash gently with mild soap. Seek medical attention if fibers become imbedded.

SECTION 7 - PERSONAL PROTECTION

RESPIRATORY PROTECTION: None normally required. If airborne concentrations exceed permissible exposure levels, respiratory protection for nuisance dusts in accordance with OSHA 1910.134 should be provided.

VENTILATION: Use local exhaust as necessary to maintain airborne levels to below established limits.

PROTECTIVE GLOVES: May reduce skin irritation in some operations.

EYE PROTECTION: Safety glasses recommended.

SECTION 8 - HANDLING, SHIPPING, AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Best if stored in dry, cool place.

HAZARD SHIPPING CLASS: Non-hazardous UN NUMBER: None

PROCEDURE FOR MATERIAL RELEASE OR SPILL: No special precautions.

OTHER REGULATORY INFORMATION: This product does not contain any ingredients subject to the reporting requirements of SARA Sections 313, Title III, Part 372.

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