

Material Safety Data Sheet

Exhaust Wrap Material

Date: July 26, 2002

SECTION I – MANUFACTURER’S INFORMATION

NAME: Designing Engineering, Inc PRODUCT: Base Material:
ADDRESS: 36960 Detroit Rd Fiberglass textile; Yarn,
Avon, OH 44011 Fabric, Braiding, Rope
TELEPHONE: 440-934-0800 Coating: None

Textile glass fibers are continuous filament strands woven, knitted, or braided into a textile product. It may be used plain, heat treated, dyed, or coated.

SECTION II - OSHA HAZARDOUS SUBSTANCES

<u>COMPONENT</u>	<u>Wt %</u>	<u>CAS NO</u>	<u>ACGIH TLV</u> (8-hr TWA)	<u>OSHA PEL</u> (8-hr TWA)
<u>Fiberglass</u>	98-100%	65997-17-3		
Nonrespirable	>98%		5 mg/m3 Inhalable fraction	15 Mg/m3, total dust
Respirable	<1%		3 mg/m3,PNOC	5 mg/m3,respirable
Respirable particulate with Fiber like dimensions (glass shards)	<0.002%		NF	1 fiber/cc; aspect ratio >5:1
<u>Size</u>	0-2%	mixture	NE	NE
<u>Coating</u>	None			

TWA – time weighted average; PNOR – particles not otherwise classified

NE – none established

SECTION III – PHYSICAL DATA

Boiling Point: N/A Specific Gravity (water=1): 2.60
Melting Point: N/A Vapor Density: N/A
Percent Volatile: N/A Vapor Pressure: N/A
Solubility in Water: Insoluble Evaporation Rate: N/A
APPEARANCE & ODOR: Base fabric – White; tan when heat treated; no odor

VENTILATION: General dilution and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits (See Section II).

RESPIRATORY PROTECTION: A properly fitted NIOSH/MHSA approved dust respirator should be used when 1) the level of dust in the air exceeds occupational exposure limits (See Section II); 2) or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program, and OSHA regulations under 29 CFR 1910.134.

EYE PROTECTION: Safety glasses, goggles, or face shields, as necessary.

PROTECTIVE CLOTHING: Wear loose fitting long sleeve shirt and pants or other appropriate clothing to protect those areas where irritation is experienced. Skin irritation is known to occur at pressure points such as around neck, wrist, waist, and fingers.

WORK AND HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practices.

- Remove dust and fibers from the skin after exposure. Be careful not to rub or scratch irritated areas which could force fibers into the skin. Fibers should be washed off.
- Use of barrier creams can, in some instances, be helpful
- Use vacuum equipment to remove fibers and dust from clothing. Wash contaminated clothing separately and wipe out washer/sink in order to prevent loose fibers and dust from contaminating other laundry.
- Use vacuum equipment to clean work surfaces.

SECTION VIII – REACTIVITY DATA

STABILITY: Product is stable.

INCOMPATIBILITY: None reasonably foreseeable.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂. Other undetermined compounds could be released in small quantities.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION IX – STORAGE PRECAUTIONS

N/A

SECTION X – ENVIRONMENTAL PROTECTION

SPILLS: N/A

WASTE DISPOSAL: Dispose as a solid non-hazardous waste, in accordance with federal, state, and local regulations.