



MATERIAL SAFETY DATA SHEET

PRODUCT: Fiberglass Conduit (Phenolic)

PRODUCT IDENTIFICATION

Trade Name: Flame Shield
Chemical Family: Cured Thermoset Composites
Hazardous Components of Mixtures: None

Chemical Name: Mixture
Chemical Formula: n/a

TYPICAL PHYSICAL DATA

Appearance and Odor: Black - no odor
Solubility in Water: Nil
Boiling Point: n/a
Vapor Pressure: 0.00 mm HG at 78 °F

Evaporation Rate (n-Butyl Acetate = 1): n/a
Specific Gravity (H₂O = 1): 1.7 – 1.9
Vapor Density (Air = 1): n/a

FIRE AND EXPLOSION HAZARD DATA

Flash Point: nonflammable
Fire Extinguishing Media: Self Extinguishing
Special Fire Fighting Procedure: None
Unusual Fire and Explosion Hazards: No unusual hazards.
Hazardous Products of Combustion: Carbon monoxide

Flammable Limit (% by volume): Lel - n/a, Uel - n/a

HEALTH HAZARD DATA

Threshold Limit Value: No OSHA nor ACGIH limits have been established. (Summary: Recent U.S. & European studies found no significant increase in disease from fiberglass exposure. No disease was reported from either artificial means (e.g. implantation). Based on the human epidemiological data and the laboratory animal study data, IARC considered glass filament is not classifiable as to human carcinogenicity. This substance or mixture has not been classified a carcinogen by NTP or SHA.)

Effects of Overexposure: Acute – product is a mechanical irritant to upper respiratory system, skin and eyes.
Chronic – When combining the results of various studies, no statistically significant increase risks for malignant or non-malignant respiratory disease are found.

Primary Entry Route (s): Inhalation. Skin and eye contact.

Emergency and First Aid Procedure - EYE CONTACT: Temporary irritation or inflammation

SKIN CONTACT: Temporary irritation or rash

INGESTION: Not hazardous when ingested. May cause temporary irritation to the gastrointestinal tract.



REACTIVITY DATA

Stability: Stable

Conditions to Avoid (materials to avoid for purposes of transport, handling & storage only): None

Hazardous Decomposition Products: Carbon Monoxide

SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Pick up pieces. Vacuum clean dusts. If sweeping is necessary, use a dust suppressant (water).

Waste Disposal (insure conformity with local disposal regulations): Wastes are not hazardous as defined by RCRA (40 CFR part 261). Landfill; Reportable quantity: n/a

PERSONAL PROTECTION INFORMATION

No special protection is required during normal handling and installation of the conduit. When cutting the fiberglass conduit, following precautions should be taken:

Respiratory Protection: If less than 10 F/cc, use 3M 9900; if less than 50 F/cc, use MSA ultra-twin with H filter or equivalents.

Goggles: or safety glasses with side shields are recommended

Other: Wear loose fittings. Long sleeved clothing. Wash exposed areas with soap and warm water after handling. Wash work clothes separately from other clothing. Rinse washer thoroughly.

Not ordinarily required. If resin is heated, vapors or mists may be produced - in such cases use a NIOSH approved respirator as required to prevent overexposure.

HANDLING AND STORAGE PRECAUTIONS

Special Workplace Engineering Controls: Adequate ventilation to keep dust level below PEL/TLV/WEG (Workplace Exposure Guideline) when cutting.

Other: For additional information, contact Champion Fiberglass, Inc.; 6400 Spring Stuebner Rd., Spring, TX 77389; Phone (281) 655-8900.

Spring, TX 08/03/2006

Goran Haag