

Flame Shield Material Safety Data
Material Identification FRELO FLAME SHIELD
Product Name: HY-TECH Flame Shield

Ingredients & Occupational Exposure Limits

Flame Shield silicate of soda, Polypropylene Glycol (less than 1/2 of 1%)

Sodium Methylsilanolate proprietary material

NOTE: Does contain Alkalis, which in turn present the usual hazards to eyes and skin; although the psychological effects are usually more unpleasant.

Physical Data:

Boiling point: 212 degrees F

Specific Gravity: 1.25

Solubility in water: 10(1% pH: 8-10

Appearance & Odor: Colorless with no odor

Fire and Exploding Data

Flash Point: None (0)

Flammable Limits: Non-Flammable

Extinguishing Media: Non-Combustible

Usual Fire & Explosion Hazards:

Non-Combustible Reactivity Data

Stability Polymerization

Stable under normal conditions

Avoid conditions below 10 degrees:

Hazardous Polymerization will not occur Chemical incompatibilities

Avoid using products with acids and brine, Product will solidify when mixed with these substances

Hazardous Decomposition of By-Products: Becomes sharp and abrasive

Health Hazard

Routes of Entry: Inhalation and Ingestion

Signs & symptoms of exposure:

1. Minor irritation of mucus membrane
2. Skin Moderate irritations: causes dryness
3. Eyes: May cause eyes to burn
4. Digestion: Causes upset of gastrointestinal tract First Aid

Inhalation: Get person to fresh air

Skin: Wash with soap and water

Eyes: Flush with plenty of water for 15 minutes

Digestion: Do not induce vomiting —Give large volumes of water or milk, if available Spill. Leak or Disposal Procedures

Spill / Leak: Contain by Diking: Vacuum, soak-up remaining with inert absorbent range; sand or other absorptive materials place in containers to await proper disposal; flush area with water to remove final traces Waste Disposal Method: Re-use spilled materials if possible; otherwise dispose in accordance with all federal, state and local regulations Handling and Storing: Store In aluminum metal tanks; steel, concrete or plastic may be used; shipments are made in plastic pails and 55 gallon drums.

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