



INDUSTRIES 3R

# MATERIAL SAFETY DATA SHEET

## IDENTITY

Part Number: **TXP 013 – TXP 050**  
 Identity: Knitted fibreglass rope and tape  
 Description: Continuous filament fiberglass  
 Other Generic Names: None

## SUPPLIER

Industries 3R inc.  
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<u>INGREDIENTS AND HAZARDS</u>	<u>%</u>	<u>ACGIH-TLV</u>	<u>OTHER</u>
<u>Hazardous Ingredients</u>			
Fiberglass, continuous filament	≥ 96.5	10 mg/ m <sup>3</sup> 8-hr TWA	3 x 10 <sup>6</sup> fibers/m <sup>3</sup> 10-hr TWA (NIOSH)
<u>Nonhazardous Ingredients</u>			
Sizing	≤ 3.5	-----none established-----	

## PHYSICAL DATA

Melting Point (Softening): 800°C  
 Boiling Point (°C): N/A (Not Applicable)  
 Specific Gravity (Bare Glass): 2.59  
 Percent Volatile: N/A  
 Vapor Pressure (mm Hg): N/A  
 Vapor Density (Air=1): N/A  
 Evaporative Rate (Ethyl Ether=1): N/A  
 Solubility in water: Not soluble  
 Appearance and odor: White/off-white/tan colored solid with no odor  
 pH: N/A

## FIRE AND EXPLOSION DATA

Flash Point (°F): N/A (Not Applicable)  
 Auto Ignition Temperature (°F): N/A  
 Flammability Limits (%): LEL: N/A UEL: N/A  
 Extinguishing Media: Water, foam, carbon dioxide, dry chemical

**Special Fire-Fighting Instructions:** In a sustained fire, self contained breathing apparatus should be worn.

**Unusual Fire and Explosion Hazards:** None known.

**Action to take for spills (Use Appropriate Safety Equipment):** For solid product, not applicable. Or dusts and fibers generated during fabrication vacuum up and containerize.

## REACTIVITY DATA

**Stability (Conditions to Avoid):** Product is stable.

**Incompatibility (Materials to Avoid):** None known.



## **SPECIAL PROTECTION**

### **Exposure Controls / Personal Protection**

- Ventilation: General dilution ventilation and/or local exhaust ventilation should be provided, as necessary, to maintain exposures below PEL's or TLV's. **Adequate ventilation must be provided at elevated temperatures.**
- Respiratory Protection: A properly fitted NIOSH/MHSA approved disposable dust respirator such as the 3M model 8710 or model 9900 (in high humidity environments) or equivalent should be used when: high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible exposure limits; 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 should be worn whenever fiberglass materials are being handled.
- Protective Clothing: Wear loose fitting, long sleeved shirt that covers to the base of the neck, and long pants. Skin irritation from exposure to fiberglass is known to occur chiefly at pressure points such as around the neck, wrist and waist. Wear gloves when handling product.
- Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practices:
- Avoid unnecessary exposure to dusts and fibers
  - Remove fibers from skin after exposure
  - Be careful not to rub or scratch irritated areas. Rubbing or scratching may force the fibers into the skin. The fibers should be washed off. Use of barrier creams can, in some instances, be helpful.
  - Use vacuum equipment to remove fibers and dusts from clothing. **COMPRESSED AIR SHOULD NEVER BE USED.** Always wash work clothes separately and wipe out the washer/sink in order to prevent loose glass fibers from getting on other clothes.
  - Keep the work area clean of any dusts and fibers generated during fabrication. Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or using compressed air as these techniques resuspend dusts and fibers into the air.
  - Have access to safety showers and eye wash fountains.
  - For professional use only. **Keep out of children's reach.**