

# 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. 55, route 116 Ouest

Danville (Québec) J0A 1A0

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INGREDIENTS AND HAZARDS	<b>%</b>	ACGIH-TLV	<u>OTHER</u>
Hazardous Ingredients			
Fiberglass, continuous filament	$\geq$ 96.5	$10 \text{ mg/ m}^3$	$3 \times 10^6$ fibers/m <sup>3</sup>
_		8-hr TWA	10-hr TWA (NIOSH)
Nonhazardous Ingredients			
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.

**Hazardous Decomposition Products:** Sizing or binders may decompose in a fire. Primary decomposition products include carbon monoxide, carbon dioxide, other hydrocarbons and water.

Hazardous Polymerization: Will not occur.

#### HEALTH HAZARD INFORMATION

**Primary Routes of Exposure:** Inhalation and skin contact.

## Health Hazards (Including acute and chronic effects and symptoms of overexposure):

**Acute:** 

<u>Inhalation</u>: Inhalation of dusts and fibers may result in irritation of the upper respiratory tract

(mouth, nose and throat).

Skin Contact: Skin contact with dusts and fibers may produce itching and temporary mechanical

irritation.

**Eye Contact**: Eye contact with fibers and dusts may produce temporary mechanical irritation.

Ingestion: Temporary mechanical irritation of the digestive tract. Observe individual. If

symptoms develop, consult a physician.

**Chronic:** See carcinogenicity section below. There are no known health effects associated with

chronic exposure to this product.

Carcinogenicity:

Hazardous Ingredients: Listed as carcinogen by: <u>ACGIH IARC NTP OSHA</u>

Fiberglass continuous filament

No No\* No No

\*IARC: In June, 1987 the International Agency for Research on Cancer (IARC) categorized fibreglass continuous filaments as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fibreglass continuous filaments as a

possible, probable, or confirmed cancer causing material.

**Medical Conditions Aggravated by Exposure: Persons** with a history of chronic respiratory or skin conditions that are aggravated by mechanical irritants may be at increased risk for

worsening their condition from exposure during use of the product.

First Aid Measures:

Inhalation: Move individual to fresh air. Seek medical attention if irritation persists.

Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. To

avoid further irritation do not rub or scratch irritated areas. Rubbing or scratching

may force fibers into the skin. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with flowing water for at least 15 minutes. Seek medical attention if

irritation persists.

<u>Ingestion</u>: N/A (Not Applicable)

## DISPOSAL PROCEDURES

**Disposal:** Dispose in accordance with federal, state and local regulations as a solid non hazardous waste.

#### SPECIAL PROTECTION

## **Exposure Controls / Personal Protection**

<u>Ventilation</u>: 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 permissable 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.