



**MATERIAL SAFETY DATA SHEET - MSDS**  
(OSHA 29 CFR 1910, 1200)

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**SECTION I - INFORMATION**

**MANUFACTURER/SUPPLIER:** Fibrox Technology LTD.  
P.O. Box 144,  
Thetford Mines, Quebec G6G 5S5  
Canada

**EMERGENCY NUMBERS:** Phone (418) 338-2323 Fax (418) 338-3436

**SYNONYMS:** Slag wool, mineral fiber, mineral wool, rock wool

**CHEMICAL FAMILY:** Man-made vitreous fiber

**TRADE NAMES:** **FIBROX** : F-300, F-030, F-050, F-300MX, F-030MX

**SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV-TWA
Mineral Wool	65997-17-3	15 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable dust	10 mg/m <sup>3</sup>

**SECTION III - PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT (FAHRENHEIT);** Not applicable

**VAPOR PRESSURE (MM HG) :** Not applicable

**VAPOR DENSITY (AIR = 1) :** Not applicable

**% WATER SOLUBILITY :** Negligible

**SPECIFIC GRAVITY RANGE (H<sup>2</sup>O=1) :** >1

**MELTING POINT (FAHRENHEIT) :** >2200

**EVAPORATION:** Not applicable

**APPEARANCE AND ODOR :** White to gray fibrous materials, slight odor.

**SECTION IV - STABILITY AND REACTIVITY**

**STABILITY:** Stable

**REACTIVITY :** No

**CHEMICAL INCOMPATIBILITIES :** Not applicable

**CHEMICAL DECOMPOSITION PRODUCTS :** NONE

**HAZARDOUS POLYMERIZATION :** Will not occur

**CONDITIONS TO AVOID :** None

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**SECTION V - FIRE FIGHTING MEASURES**

**FLASH POINT :** Non-combustible

**FLAMMABLE LIMITE :** Not applicable

**EXTINGUISHING MEDIA :** Use extinguishing media appropriate to the surrounding fire

**FIRE FIGHTING PROCEDURES :** Not applicable

**UNUSUAL FIRE AND EXPLOSION HAZARDS :** None

## SECTION VI – EXPOSURE CONTROLS/PERSONAL PROTECTION AND DISPOSAL MEASURES

### PERSONAL PROTECTION EQUIPMENT :

- Respiratory protection:** Wear NIOSH certified respirator or equivalent for airborne dust  
**Hand protection:** Personnel should wear cloth gloves  
**Eye protection:** Goggles/safety glasses with side shields should be worn  
**Other protective clothing:** Wear loose fitting, long sleeve shirt and pants

**SPILL/LEAK PROCEDURES :** Following routine housekeeping procedures. If sweeping is necessary, use a dust suppressant and place material in closed containers. Avoid creating airborne dust. Do not use compressed air for clean up. Personnel should wear gloves, goggles and approved respirator.

**WASTE DISPOSAL METHOD :** According to local law requirements, provincial, federal and/or state.

**HANDLING :** Avoid breathing airborne dust during the usage of this product. Avoid contact with eyes and skin. Use normal personal hygiene to remove material contaminants.

**STORAGE CONDITIONS :** Store in original factory packaging in a dry area. Keep packaging closed when not in use.

## SECTION VII – TOXICOLOGICAL INFORMATION

**PRIMARY ENTRY ROUTE:** Nose and/or throat, skin and eyes.

**ACUTE EFFECTS :** Upper respiratory physical irritation. Irritation and inflammation to the eyes on contact and to the skin on prolonged contact.

**CHRONIC EFFECTS:** No significant association was found between fiber exposure and lung cancer or nonmalignant respiratory disease, in the man-made vitreous fiber-manufacturing environment.

**CARCINOGENICITY:** IARC-Group 3

**SIGNS AND SYMPTOMS OF OVEREXPOSURE :** **SKIN :** Physical irritation – rash **EYES :** Physical irritation – inflammation **INGESTION :** May cause temporary irritation to the gastrointestinal tract.

**INHALATION:** Irritation or soreness in throat, nose and respiratory tract.

## SECTION VIII – FIRST AID MEASURES

**EYE CONTACT:** \*Flush with large amounts of water for at least 15 minutes. Do not rub eyes.

**SKIN CONTACT:** \*Wash affected area gently with soap and water. Skin cream or lotion after washing may be helpful

**INHALATION:** \*Remove affected person to clean fresh air.

**\*IF ANY OF THE SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.**

## SECTION IX – SOURCE OF INFORMATION AND DATE

<b>PREPARED BY :</b>	Fibrox Technology LTD.	<b>DATE PREPARED:</b>	January 1 <sup>st</sup> , 2000
<b>DATE PRINTED:</b>	June 30 <sup>th</sup> , 2009	<b>PHONE :</b>	(418) 338-2323
<b>1<sup>ST</sup> REVISED :</b>	November 15, 2001	<b>3<sup>RD</sup> REVISION :</b>	October 1 <sup>st</sup> , 2007
<b>2<sup>ND</sup> REVISED :</b>	November 15, 2004	<b>LAST REVISED :</b>	June 30 <sup>th</sup> , 2009

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