



**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 PAPER**

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

INGRÉDIENT	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>
Latex	unassigned	Not established*	---

\* Trace amount of formaldehyde may release from latex during initial heating of this product. The current OSHA PELs for formaldehyde are: 0.75 ppm (8hr.TWA) and 2 ppm (STEL)

**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) :** >1600

**EVAPORATION:** Not applicable

**APPEARANCE AND ODOR :** White to gray fibrous nodules, 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 LIMIT :** 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  
**Ventilation:** Sufficient to maintain dust levels below TLV  
**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:** **NTP:** No **IARC:** Group 3 **OSHA:** No

**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**

**PREPARED BY :** Fibrox Technology Ltd.

**DATE PREPARED:** January 1<sup>st</sup>, 2000

**DATE PRINTED:** June 30<sup>th</sup> 2009

**PHONE :** (418) 338-2323

**1<sup>ST</sup> REVISION :** November 15, 2001

**3<sup>RD</sup> REVISION :** October 1<sup>st</sup>, 2007

**2<sup>ND</sup> REVISION :** November 1<sup>st</sup>, 2004

**LAST REVISED :** June 30<sup>th</sup>, 2009

**Disclaimer**

The information presented herein is presented in good faith and believed to be accurate as of the effective date of this Material Safety Data Sheet. Employers may use the MSDS to supplement other information gathered by them in their efforts to assure the health and safety of their employees and the proper use of the product. This summary of the relevant data reflects professional judgment; employers should note that information perceived to be less relevant has not been included in this MSDS. Therefore, given the summary nature of this document, Fibrox Technology LTD. Does not extend any warranty (expressed or implied), assume any responsibility, or make any representation regarding the completeness of this information or its suitability for the purposes envisioned by the user. If user wishes to receive more information on this product from an independent source, we recommend phoning the Canadian Centre Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or the CSST in Montreal, Quebec (514-873-3990)