



Imasco Minerals Inc.

## MATERIAL SAFETY DATA SHEET

<b>SECTION 1 - PRODUCT IDENTIFICATION AND USE</b>				
PRODUCT IDENTIFIER: IMASCO Glass Block Mortar			WHMIS CLASSIFICATION: Class D, Division 2, Class E	
PRODUCT USE: Mortar for the installation of glass blocks				
MFG'S NAME: Imasco Minerals Inc.			SUPPLIER'S NAME: Imasco Minerals Inc.	
STREET: 19287 - 98A Avenue			STREET: 19287 - 98A Avenue	
CITY: Surrey		PROVINCE: British Columbia		CITY: Surrey
PROVINCE: British Columbia		CITY: Surrey		PROVINCE: British Columbia
P.C. V4N 4C8	EMERGENCY TEL.NO: 8AM-5PM Weekdays (604) 888-3848		P.C. V4N 4C8	EMERGENCY TEL.NO: 8AM-5PM Weekdays (604) 888-3848
<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>				
INGREDIENTS	BY WEIGHT (%)	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Calcium carbonate	50 - 80	1317-65-3	N/A	N/A
Portland cement	10 - 30	65977-15-1	N/E	N/E
Calcium hydroxide	2 - 5	1305-62-0	Oral Rat 7340 mg/kg	N/A
Crystalline silica	< 1	14808-60-7	N/A	N/A
<b>SECTION 3 - PHYSICAL DATA</b>				
PHYSICAL STATE: Solid		ODOUR & APPEARANCE: Odourless Off-White Powder		ODOUR THRESHOLD (ppm): N/A
VAPOUR PRESSURE (mm Hg): N/A	VAPOUR DENSITY (AIR=1): N/A	EVAPORATION RATE N/A	BOILING POINT (°C) N/A	FREEZING POINT (°C) N/A
pH: 9-12(10% solids)	SPECIFIC GRAVITY: 2.7 - 2.9	COEFF. WATER/OIL DIST. N/A		SOLUBILITY IN WATER: < 1%
<b>SECTION 4 - FIRE AND EXPLOSION DATA</b>				
FLAMMABILITY: YES _ NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITION:				
MEANS OF EXTINCTION: N/A (non-flammable)				
FLASHPOINT (°C) AND METHOD: N/A		UPPER FLAMMABLE LIMIT (% BY VOLUME): N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME): N/A	
AUTOIGNITION TEMPERATURE (°C): N/A		HAZARDOUS COMBUSTION PRODUCTS: N/A		
EXPLOSION DATA: SENSITIVITY TO IMPACT: N/A			SENSITIVITY TO STATIC DISCHARGE: N/A	

**SECTION 5 - REACTIVITY DATA**

PRODUCT IDENTIFIER: IMASCO Glass Block Mortar

CHEMICAL STABILITY: YES  NO  IF NO, UNDER WHICH CONDITIONS:INCOMPATIBILITY WITH OTHER SUBSTANCES: YES  NO  IF SO WHICH ONES:

REACTIVITY, AND UNDER WHAT CONDITIONS: Reacts with water to produce a caustic solution, pH 12 to 13

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION 6 - TOXICOLOGICAL PROPERTIES**ROUTE OF ENTRY: SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  INHALATION  INGESTION 

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Can cause dry skin, cause alkali burns, and irritate the eyes and upper respiratory tract. Ingestion can irritate throat.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Prolonged exposure to dust could cause silicosis.

EXPOSURE LIMITS:

Time weighted  
average 2mg/m<sup>3</sup> (TWA)

IRRITANCY OF PRODUCT:

Can irritate eyes,  
skin & respiratory  
system.

SENSITIZATION TO PRODUCT:

Dermal and  
respiratory

CARCINOGENICITY:

See below

CARCINOGENICITY: Contain traces of crystalline silica. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding the occupational exposure limits may increase the risk of developing a disabling lung disease known as silicosis. IARC found limited evidence for pulmonary carcinogenicity of crystalline silica in humans.

TERATOGENICITY:

N/A

REPRODUCTIVE TOXICITY:

N/A

MUTAGENICITY:

N/A

SYNERGISTIC PRODUCTS:

None known

**SECTION 7 - PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: Use all as specified

GLOVES (SPECIFY):

Impervious to moisture

RESPIRATOR (SPECIFY):

Approved NIOSH/OSHA respirator  
for dusts.

EYE (SPECIFY):

Tight-fitting protective  
goggles

FOOTWEAR (SPECIFY):

Impervious to moisture.

CLOTHING (SPECIFY):

Impervious to moisture

OTHER (SPECIFY):

Barrier cream on exposed  
skin.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS): Ventilation should be sufficient in volume and distribution to maintain dust exposure below the TWA.

LEAK AND SPILL PROCEDURE: Remove by dry cleanup methods, which minimize the dispersion of dust. Avoid breathing the dust.

WASTE DISPOSAL: Dispose of as common waste in accordance with applicable local, Provincial and Federal regulations.

HANDLING PROCEDURES AND EQUIPMENT: Minimize dust exposure and contact with skin

STORAGE REQUIREMENTS: Store in a dry place.

SPECIAL SHIPPING INFORMATION: None

**SECTION 8 - FIRST AID MEASURES**

PRODUCT IDENTIFIER: IMASCO Glass Block Mortar

SPECIFIC MEASURES:

Skin: Wash exposed areas of the body with soap and water. If skin is burnt, consult a doctor.

Eyes: Wash eyes immediately with large amount of running water for at least 15 minutes, and seek immediate medical attention.

Inhalation: Move person to fresh air and seek medical attention.

Ingestion: **DRINK LARGE AMOUNTS OF WATER.** Do not induce vomiting. Seek immediate medical attention.

**SECTION 9 - PREPARATION DATE OF MSDS**

The information contained herein is based on data considered true and accurate to the best reasonably available information. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Imasco Minerals Inc. assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. This information is offered solely for informational purposes and is subject to your own independent investigation and verification.

PREPARED BY (GROUP, DEPARTMENT, ETC.):  
Technical Support Department

PHONE NUMBER:  
(604) 888-3848

DATE:  
January 1, 2015