



Imasco Minerals Inc.

## MATERIAL SAFETY DATA SHEET

**SECTION 1 - PRODUCT IDENTIFICATION AND USE**

PRODUCT IDENTIFIER: Imasco Quartzite

TRADE NAMES: Beige Quartzite, Copper-Tan Quartzite, Pink Ice Quartzite, Sunset Quartzite

PRODUCT USE: Aggregate in coatings, decorative stone, gravel

MFG'S NAME: Imasco Minerals Inc.

SUPPLIER'S NAME: Imasco Minerals Inc.

STREET: 19287 - 98A Avenue

STREET: P.O. Box 56

CITY: Surrey

PROVINCE: British Columbia

CITY: Sirdar

PROVINCE: British Columbia

P.C.  
V4N 4C8EMERGENCY TEL.NO:  
8AM-5PM Weekdays  
(604) 888-3848P.C.  
V0B 2C0EMERGENCY TEL.NO:  
8AM-5PM Weekdays  
(604) 888-3848**SECTION 2 - HAZARDOUS INGREDIENTS**

INGREDIENTS	BY WEIGHT (%)	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Crystalline Silica	80 - 100	14808-60-7	NA	NA

Note: The aggregate is an inert material in its finished state. There is only potential for dust release if the material is further crushed or ground (see Section 6).

**SECTION 3 - PHYSICAL DATA**

PHYSICAL STATE: Solid	ODOUR & APPEARANCE: Odourless beige, yellowish-brown, pink, or red (and white) aggregate			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: N/A	SPECIFIC GRAVITY: 2.6	COEFF. WATER/OIL DIST. N/A		SOLUBILITY IN WATER: Not Soluble

**SECTION 4 - FIRE AND EXPLOSION DATA**FLAMMABILITY: YES \_ NO  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 Quartzite

CHEMICAL STABILITY: YES  NO  IF NO, UNDER WHICH CONDITIONS:INCOMPATIBILITY WITH OTHER SUBSTANCES: YES  NO  IF SO WHICH ONES: Active fluorine compounds - reaction may cause fires

REACTIVITY, AND UNDER WHAT CONDITIONS: Silica combines chemically with most metallic oxides at elevated temperatures to form "glass"

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: No acute effects.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Contains "free silica." Prolonged, repeated inhalation of respirable silica dust may cause silicosis or chronic fibrotic lung disease. Avoid breathing respirable dust from these products.

EXPOSURE LIMITS:  
TLV crystalline  
silica - 0.1mg/m<sup>3</sup>IRRITANCY OF PRODUCT:  
Can irritate eyes &  
upper respiratory  
system.SENSITIZATION TO PRODUCT:  
Hypersensitive people  
may develop allergic  
dermatitisCARCINOGENICITY:  
See below

CARCINOGENICITY:

Contains crystalline silica. Crystalline silica is a major component in beach sands and in the majority of rocks on earth's crust and is usually not harmful. However, exposure to respirable dust of crystalline silica 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. Approved dust masks should be used when this product is used in applications that generate dust.

TERATOGENICITY:  
N/AREPRODUCTIVE TOXICITY:  
N/AMUTAGENICITY:  
N/ASYNERGISTIC PRODUCTS:  
None known**SECTION 7 - PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: Use all as specified

GLOVES (SPECIFY):  
Non-essential.RESPIRATOR (SPECIFY):  
Wear a dust mask approved by NIOSH  
and OSHA for dusty conditions.EYE (SPECIFY):  
Non-essential but protective  
goggles are desirable in a  
dusty environment.FOOTWEAR (SPECIFY):  
Non-essential.CLOTHING (SPECIFY):  
Non-essential.OTHER (SPECIFY):  
None

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

LEAK AND SPILL PROCEDURE: Avoid dry sweeping. Wet-down and wipe the spill to minimize the amount of airborne dust.

WASTE DISPOSAL: Product should be disposed of in accordance with applicable local, Provincial and Federal regulations.

HANDLING PROCEDURES AND EQUIPMENT: Minimize dust exposure. Keep in closed or sealed containers whenever possible.

STORAGE REQUIREMENTS: Whenever possible, store in a sealed container or enclosed area. Protect from damage.

SPECIAL SHIPPING INFORMATION: None

**SECTION 8 - FIRST AID MEASURES**

PRODUCT IDENTIFIER: Imasco Quartzite

## SPECIFIC MEASURES:

Skin: Wash exposed areas of the body with soap and water.Eyes: Wash eyes immediately with large amount of water.Inhalation: Move person to fresh air.Ingestion: Obtain medical attention if discomfort is experienced.**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 DepartmentPHONE NUMBER:  
(604) 888-3848DATE:  
January 15, 2009