



Imasco Minerals Inc.

## MATERIAL SAFETY DATA SHEET

**SECTION 1 - PRODUCT IDENTIFICATION AND USE**

PRODUCT IDENTIFIER: IMASCO SAFE T MARK

PRODUCT USE: Ground Marking Material

MANUFACTURER'S NAME: Imasco Minerals Inc.

SUPPLIER'S NAME: Imasco Minerals Inc.

STREET: 19287 - 98A Avenue

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CITY: Surrey

PROVINCE: British Columbia

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PROVINCE: British Columbia

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

| INGREDIENTS         | BY WEIGHT (%) | CAS NUMBER | LD <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES & ROUTE) | LC <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES) |
|---------------------|---------------|------------|---|---|
| Calcium carbonate   | 50-60         | 471-34-1   | N/A   | N/A   |
| Magnesium carbonate | 40-50         | 546-93-0   | N/A   | N/A   |
| Crystalline silica  | < 1           | 14808-60-7 | N/A   | N/A   |

**SECTION 3 - PHYSICAL DATA**

|                                 |  |                               |                           |                                    |
|---------------------------------|--|-------------------------------|---------------------------|------------------------------------|
| PHYSICAL STATE:<br>Solid        | ODOUR & APPEARANCE:<br>Odourless White Powder. |                               |                           | ODOUR THRESHOLD (ppm):<br>N/A      |
| VAPOUR PRESSURE<br>(mm Hg): N/A | VAPOUR DENSITY<br>(AIR=1): N/A                 | EVAPORATION RATE<br>N/A       | BOILING POINT (°C)<br>N/A | FREEZING POINT (°C)<br>N/A         |
| pH:<br>8.5-9.5 at 10%<br>solids | SPECIFIC GRAVITY:<br>2.71                      | COEFF. WATER/OIL DIST.<br>N/A |                           | SOLUBILITY IN WATER:<br>Negligible |

**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: Not Known

EXPLOSION DATA: SENSITIVITY TO IMPACT: N/A

SENSITIVITY TO STATIC DISCHARGE: N/A

**SECTION 5 - REACTIVITY DATA**

PRODUCT IDENTIFIER: IMASCO SAFE T MARK

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 acids to liberate carbon dioxide.

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: As is true with any mineral product, long-term over-exposure to high concentration of this dust without the use of a dust mask may produce x-ray evidence of dust in the lungs. Continued long-term over-exposure may affect respiratory function in some individuals.

EXPOSURE LIMITS:

TLV limestone  $10 \text{ mg/m}^3$ ,  
TLV crystalline silica  
 $0.1 \text{ mg/m}^3$

IRRITANCY OF PRODUCT:

Can irritate eyes &  
upper respiratory system

SENSITIZATION TO PRODUCT:

Hypersensitive people may develop  
allergic dermatitis

CARCINOGENICITY:

There are no reported health risks associated with the prolonged exposure to pure dolomite. Chronic exposure to respirable limestone dust at concentrations exceeding occupational exposure limits may increase the risk of developing pneumoconiosis (lung disease).

Calcium carbonate products usually contain traces of quartz (crystalline silica) as an impurity. 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:

Not known

**SECTION 7 - PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: Use all as specified

GLOVES (SPECIFY):

Non-essential

RESPIRATOR (SPECIFY):

Wear a NIOSH/OSHA approved dust  
fibre mask in dusty conditions.

EYE (SPECIFY):

Non-essential, but protective  
goggles may be desirable in  
dusty conditions.

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 TLV levels.

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

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

HANDLING PROCEDURES AND EQUIPMENT: Minimize dust exposure.

STORAGE REQUIREMENTS: Store in a dry place.

SPECIAL SHIPPING INFORMATION: None. Not registered as a dangerous good under TDG.

## **SECTION 8 - FIRST AID MEASURES**

PRODUCT IDENTIFIER: IMASCO SAFE T Mark

SPECIFIC MEASURES:

Skin: Wash exposed areas of the body with soap and water.

Eyes: Wash eyes with large amounts of water.

Inhalation: Move person to fresh air.

Ingestion: **DRINK LARGE AMOUNTS OF WATER.**

## **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.):  
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DATE:  
January 15, 2009