

# MATERIAL SAFETY DATA SHEET

## 1.PRODUCT IDENTIFICATION

PRODUCT NAME 9002 MAX STONE JOINT FILLER

Highly Polymer Modified Cementitious Joint Filler

MANUFACTURER'S NAME: SEMITRONE CONCHEM LTD.

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Reviewed & Approved by

Hitesh Gajjar

Vice President – R&D

2.HAZARDOUS INGREDIENTS Classification of the Substance or Mixture GHS-US/CA Classification

Risk of serious damage to eyes.

CLASSIFICATION (1999/45) Xi;R41.

## ENVIRONMENT

The product is not expected to be hazardous to the environment.

## HUMAN HEALTH

When the cement based powder is mixed with water or admixture, a strongly alkaline paste is produced. Cement based products may, until set, cause both irritant and allergic contact dermatitis. Irritant contact dermatitis is due to a combination of the wetness, alkalinity and abrasiveness of the constituent materials. Allergic contact dermatitis is caused mainly by the sensitivity of the individual's skin to hexavalent chromium salts. Corrosive. Prolonged contact causes serious eye and tissue damage.

## 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
ORDINARY PORTLAND CEMENT	266-043-4	65997-15-1	30-60%	Xi;R37/38,R41. R43.
Quartz Powder		14808-60-7	40-60%	

The Full Text for all R-Phrases is Displayed in Section 16

## COMPOSITION COMMENTS

This product contains a reducing agent to ensure that the CrVI content of the cement in the product remains below 2ppm during the defined shelf life of the product. The Full Text for all R-Phrases is Displayed in Section 16

4. FIRST-AID MEASURES Description of First-aid Measures

## GENERAL INFORMATION

Consult a physician for specific advice.

#### NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If indoubt, GET MEDICAL ATTENTION PROMPTLY!

#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately!

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water.

Get medical attention if irritation persists after washing.

#### EYE CONTACT

Remove victim immediately from source of exposure. Do not rub eye. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

The product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

#### SPECIFIC HAZARDS

In case of fire, toxic gases may be formed.

#### PROTECTIVE MEASURES IN

FIRE Wear full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

#### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

#### SPILL CLEAN UP METHODS

Avoid contact with skin or inhalation of spillage, dust or vapour. Dampen spillage with water. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### 7. HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation. Avoid handling which leads to dust formation.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ORDINARY PORTLAND CEMENT	WEL		4 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### PROTECTIVE EQUIPMENT



#### PROCESS CONDITIONS

Provide eyewash station.

#### ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

#### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Dust mask/respirator.

#### HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

#### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

#### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Powder, dust

SOLUBILITY Slightly soluble in water. pH-  
VALUE, CONC. SOLUTION 12-13

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid contact with acids. Water, moisture.

### MATERIALS TO AVOID

Strong acids. Aluminium powder

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11: TOXICOLOGICAL INFORMATION

### INHALATION

May cause irritation to the respiratory system. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

### SKIN CONTACT

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

### EYE CONTACT

Risk of serious damage to eyes. May cause chemical eye burns.

### HEALTH WARNINGS

Repeated exposure in excess of the WEL has been linked with rhinitis and coughing. Skin exposure has been linked to allergic chromium dermatitis.

## 12. ECOLOGICAL INFORMATION ECOTOXICITY

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

### MOBILITY

The product is non-volatile. The product is insoluble in water and will sediment in water systems.

### BIOACCUMULATION

No data available on bioaccumulation.

### DEGRADABILITY

There are no data on the degradability of this product.

### 13. DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Product that contains >2ppm CrVI should be disposed of according to local legislation or should be treated with a reducing agent before use. Product that is within shelf life may be hydrated with water and disposed of according to local legislation. The hydrated product is not hazardous.

### 14. TRANSPORT INFORMATION

**GENERAL** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

**ROAD TRANSPORT NOTES** Not

Classified **RAIL TRANSPORT NOTES**

Not classified. **SEA TRANSPORT**

**NOTES** Not classified.

**AIR TRANSPORT NOTES** Not classified.

### 15 REGULATORY INFORMATION

#### LABELLING



#### RISK PHRASES

R41

Risk of serious damage to eyes.

#### SAFETY PHRASES

S2

Keep out of the reach of children.

S24/25

Avoid contact with skin and eyes.

S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

P17

Contains chromium (VI). May produce an allergic reaction.

P31

Contact with wet cement, wet concrete or wet mortar may cause irritation, dermatitis or burns.

P32

Contact between cement powder and body fluids (eg. sweat and eye fluid) may also cause skin and respiratory irritation, dermatitis or burns.

#### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

### 16. OTHER INFORMATION INCLUDING DATE OF PREPARATION OR LAST REVISION

REVISION COMMENTS

1

ISSUED BY

Technical Manager

REVISION DATE 08/04/2010

REV. NO./REPL. SDS GENERATED 3

SDS NO. 002

DATE 30.04.13

RISK PHRASES IN FULL

R37/38 Irritating to respiratory system and skin.

R43 May cause sensitisation by skin contact.

R41 Risk of serious damage to eyes.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

