

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

PRODUCT NAME: 4005 MAX N.S.A. - 555 Plus  
IDENTIFIED USES For Heavy Stone Cladding with Extra Adhesion

MANUFACTURER'S NAME: SEMITRONE CONCHEM LTD.

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Reviewed & Approved by

Hitesh Gajjar

Vice President – R&D

## 2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Portland Cement	65997-15-1	25-60%	10 mg/m3	50 mppcf	N/A
Silica Sand	14808-60-7	40-75%	N/A	0.1	N/A mg/m3

N/A = Not applicable or available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Symptoms of over exposure for each potential route of exposure (Possible Longer Term Effects): Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolonged period of time

### SIGNS AND SYSTEMS OF EXPOSURE (Acute effects)

Inhaled : Irritation of nose, cough, labored breathing, expectoration

Contact with skin or eyes : Irritation of eyes, skin sensitization

Absorbed through skin : N/A

Swallowed : Expectoration

This product's ingredients are not found in the lists below.

Federal OSHA: NO      NTP : NO      IARC : YES

## 4. FIRST-AID MEASURES

Eye Contact : Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact : Promptly wash contaminated skin with soap or mild detergent and water.

Inhaled : Move the exposed person to fresh air at once.

Swallowed : If person is conscious, give large quantities of water. After swallowing water, try to get person to vomit. Get medical attention immediately.

## 5. FIREFIGHTING MEASURES

Flash Point : Not flammable or combustible

Auto ignition temperature, °F : N/A

Flammable limits in air, volume % : Lower (LEL): N/A      Upper (UEL):

N/A Fire extinguishing materials : Water spray : √ Carbon dioxide : √ Other :N/A Foam : √ Dry chemical : √

Special fire-fighting procedures : N/A

Unusual fire and explosion hazards : N/A

## 6. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Shovel into pails or drums with Covers. Wear appropriate equipment to prevent skin and eye contact; also, a dust mask approved by NIOSH.

Preparing wastes for disposal (container types, neutralization, etc.): N/A

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

## 7. HANDLING AND STORAGE

Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation and engineering controls : N/A

Respiratory protection (type) : A NIOSH approved dust mask if TLV is exceeded.

Eye protection (type) : Chemical goggles or safety glasses

Gloves (specify material) : Use impervious gloves, vinyl or rubber

Other clothing and equipment : Use appropriate clothing to prevent skin contact. Barrier creams will assist in protecting the skin from contamination.

Work practices, hygienic practices : Familiarize the employees with the special handling procedures in this section; also encourage prompt removal of contaminated clothing and washing of contaminated area.

Other handling and storage

Requirements : N/A

Protective measures during maintenance

of contaminated equipment: See above

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Vapour density (air =1) : N/A Melting point or range, °F : N/A

Specific gravity @25°C : 1.5-2.5 g/cc Boiling point or range, °F : N/A

Solubility in water : insoluble Evaporation rate (Butyl acetate : N/A =1)

Vapour pressure, mmHg at 20°F: N/A

Appearance and odor : Grey or white odorless powder

HOW TO DETECT THIS SUBSTANCE (Warning properties of substance as a gas, vapor, dust, or Mist): N/A

## 10. STABILITY AND REACTIVITY

Stability : Stable

Conditions to avoid: Keep dry until used. Incompatibility

(Materials to avoid) : N/A

Hazardous decomposition products (Including combustion products)

: (from burning, heating or reaction with other materials): N/A

Hazardous polymerization : Will not occur

Conditions to avoid : N/A

## 11. TOXICOLOGICAL INFORMATION

N/A

## 12. ECOLOGICAL INFORMATION

N/A

### 13. DISPOSAL CONSIDERATIONS

Dispose in compliance with local, state and federal regulations.

### 14. TRANSPORT INFORMATION

No special labelling or transportation information is required.

### 15. REGULATORY INFORMATION

All ingredients are listed on the U.S.EPA TSCA inventory of chemical substances.

### 16. OTHER INFORMATION

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