

# MATERIAL SAFETY DATA SHEET

## CONTITE SEAL AC CI

### Crystalline Waterproofing Slurry with Corrosion Inhibitor No Curing

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

<b>Product Name</b>	Contite Seal AC CI
<b>Product Use</b>	Concrete protection and waterproofing system by Crystallization with Corrosion Inhibitor no Curing.
<b>Company Name</b>	Cormix International Ltd.
<b>Address</b>	89 Romklao Road, Minburi District, Sansab Subdistrict, Bangkok 10510 Thailand
<b>Contact no.</b>	Tel: +66 2 917 3955-8 Fax. +66 2 917 3959, 543 8891
<b>Other Information</b>	<p>This MSDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Cormix International Ltd. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.</p> <p>If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.</p>

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Characterization</b>	Cement, Silica Sand, inorganic alkali Chemical treatment for concrete corrosion protection and waterproofing by crystallization.		
<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Cement Portland	65997-15-1	45-55%
	Silica, Quartz	14808-60-7	15-30%
	Inorganic alkali	1344-09-8	3-10%
	Quartz filler	14808-60-7	15-25%
	Additives - (Trade secret) (Non-hazardous)		> 1%

#### 3. HAZARDS IDENTIFICATION

<b>Eye Hazards :</b>	May cause eye irritant.
<b>Skin Hazards :</b>	May cause a reversible inflammatory effect on skin or tissue at the site of contact.
<b>Ingestion Hazards :</b>	Aspiration hazard if swallowed. Can enter lungs and cause damage.
<b>Inhalation Hazards :</b>	May cause nose, throat, and lung irritation.

**Material Safety Data Sheet: CONTITE SEAL AC CI****4. FIRST AID MEASURES**

<b>Eye Contact :</b>	Rinse eyes thoroughly with water for at least 15 minutes. Consult physician.
<b>Skin Contact :</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms persist consult physician.
<b>Ingestion :</b>	Wash out mouth with water and drink 1 cup (240-300ml) of water followed by dilute with milk if available. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Contact physician if necessary.
<b>Inhalation :</b>	Remove to fresh air. If breathing has stopped, institute artificial respiration. Consult with physician.

**5. FIRE FIGHTING MEASURES**

<b>Flash Point</b>	N/AV
<b>Auto-ignition Point</b>	N/AV
<b>Flammability Class</b>	NCMB
<b>Lower Explosive Limit</b>	N/AV
<b>Upper Explosive Limit</b>	N/AV
<b>Fire and Explosion Hazards</b>	None known
<b>Suitable extinguishing agents</b>	Product is not flammable. Use fire fighting measures that suit the surrounding fire.
<b>Extinguishing Media</b>	In case of fire, use water spray (fog) foam, dry chemical, or CO <sub>2</sub>
<b>Fire Fighting Instructions</b>	Firefighters should wear self-contained breathing apparatus and full protective gear.
<b>Special fire-fighting procedure</b>	No special equipment required.
<b>Additional information</b>	Product of itself does not burn. Fire residues and contaminated fire-fighting medium must be disposed of in accordance with the local regulation.

**6. ACCIDENTAL RELEASE MEASURES**

Shovel dry material into suitable container for disposal. Wear appropriate personal protective equipment. Clean spill area with broom. Keep out of water supplies and sewers. Releases should be reported if required to appropriate agencies.

**7. HANDLING AND STORAGE**

<b>Handling and Storage Precautions</b>	Store in cool, dry area. Keep containers tightly closed.
<b>Work/Hygienic Practices</b>	Wash thoroughly with soap and water after handling.

**Material Safety Data Sheet: CONTITE SEAL AC CI**

**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

<b>Engineering Controls</b>	Use with adequate general and local exhaust ventilation.
<b>Hygienic Measures</b>	Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Use barrier skin cream. Remove soiled or wet clothing immediately.
<b>Eye/Face Protection</b>	Safety glasses with side shields /goggles
<b>Skin Protection</b>	Avoid skin contact. Wear long sleeve shirt and long pants, work gloves.
<b>Respiratory Protection</b>	In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.
<b>Other/General Protection</b>	Wash thoroughly after handling.
<b>Ingredient(s) - Exposure Limits</b>	Cement, Portland
	ACGIH TLV TWA : 10 mg/m <sup>3</sup>
	OSHA PEL TWA : 15 mg/m <sup>3</sup> (Total Dust)
	OSHA PEL TWA : 5 mg/m <sup>3</sup> (Respirable Dust)
	Silica, Quartz
	ACGIH TLV TWA : 0.1 mg/m <sup>3</sup> (Notice of Intended Change)
	ACGIH TLV TWA : 0.05 mg/m <sup>3</sup> (Proposed)
	OSHA PEL TWA : 30/%SiO <sub>2</sub> +2 mg/m <sup>3</sup>
	OSHA PEL TWA : 10/%SiO <sub>2</sub> +2 mg/m <sup>3</sup>
	OSHA PEL TWA : 250/%SiO <sub>2</sub> +5 mppcf

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Fine Grey powder
<b>Odour</b>	Odorless
<b>Chemical Type</b>	Mixture
<b>Physical State</b>	Solid
<b>Melting Point</b>	N/A
<b>Boiling point / Boiling Range</b>	N/A
<b>Bulk Density</b>	Approx. 1.07 g/cm <sup>3</sup>
<b>Wet Density</b>	Approx. 1.90 kg/Litre
<b>Viscosity at 25°C</b>	N/A
<b>Percent Volatiles</b>	N/A
<b>Vapour Pressure</b>	N/A
<b>Vapour Density</b>	N/A
<b>Solubility</b>	N/A
<b>Vapour density</b>	Not applicable

**Material Safety Data Sheet: CONTITE SEAL AC CI**

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable
<b>Hazardous polymerization</b>	Will not occur. None known
<b>Thermal decomposition / Conditions to be avoided</b>	No decomposition if used according to specifications
<b>Dangerous reactions</b>	No dangerous reactions known
<b>Dangerous product of composition</b>	No dangerous decomposition products known

**11. TOXICOLOGICAL INFORMATION**

<b>Conditions Aggravated By Exposure.</b>	N/A.
<b>Ingredient(s) - Carginogenicity</b>	Silica, Quartz NTP - Listed on The National Toxicology Program Listed in The IARC Monographs

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable federal, state and local government regulations.

**14. TRANSPORT INFORMATION**

IMDG: N/A	UN No.: N/A	ICAO/IATA: N/A	Tremcard No: N/A
GGVE/GGVS: N/A	RID/ADR: N/A	ADNR: N/A	D.O.T.: N/A
<b>Other information:</b> No restrictions known. No regulatory requirements apply to the transport of this product.			

**15. REGULATORY INFORMATION**

<b>U.S. Regulatory Information</b>	All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
<b>SARA Hazard Classes</b>	Acute health hazard Chronic health hazard
<b>SARA Section 313 Notification</b>	This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

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**16. OTHER INFORMATION**

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<b>Contact Person/Point</b>	Technical Support: +66 2 917 3955-8
HMIS Rating	Health : 1
	Fire : 0
	Reactivity : 0
	PPE : E

*Disclaimer*

*For general safety and handling information please refer to **Cormix International Ltd.** The information shown is based on our experience to date and is true to the best of our knowledge. Any recommendations or suggestions made are without any guarantee. No responsibility is accepted that the information herein is sufficient or correct in all cases.*