

# MATERIAL SAFETY DATA SHEET

## CONPLUG

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

<b>Product Name</b>	Conplug
<b>Product Use</b>	Fast Setting Permanent Water Plug
<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>

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	High Alumina Cement	65997-16-2	35-40%
	Silica, Quartz	14808-60-7	30-35%
	Cement Portland	65997-15-1	20-25%
	Calcium Carbonate	471-34-1	5%
	Defoamer & accelerator (Trade secret)	- (Non-hazardous)	0.1-1%

### 3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

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**4. FIRST AID MEASURES**

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- Eye Contact :** The product must be washed out of the eyes without any delay with clean running water whilst holding the eyelid open. Take care not to wash the product from one eye to the other. Use plenty of water for at least 10 minutes.  
If symptoms persist obtain medical assistance without delay.
- Skin Contact :** Prolonged contact may cause irritation or in severe cases cement burns, this is increased with splashes on clothes or overalls. These should be laundered before re-use.  
ALL CHEMICAL PRODUCTS SHOULD BE HANDLED WITH CARE. Wash all splashes immediately from the skin with plenty of clean water and soap, if any other skin symptoms occur obtain medical assistance.
- Ingestion :** DO NOT MAKE CASUALTY VOMIT. Give one pint of water to drink and obtain medical attention without delay.
- Inhalation :** Not generally applicable.

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**5. FIRE FIGHTING MEASURES**

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- Suitable extinguishing agents :** Select to suit surrounding fires.
- Special fire-fighting procedure :** Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.
- Additional information :** Combustion will produce smoke, carbon dioxide and carbon monoxide.

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**6. ACCIDENTAL RELEASE MEASURES**

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- Personal precaution** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
- Environmental precautions** All chemical spillages must be dealt with as soon as possible to prevent contamination, damage or staining of the areas affected (especially with liquid products). Attention is drawn to the Control of Pollution Act 1974, the provisions of which are enforced by local authorities. Sweep up spillages. Place in polythene bags for disposal to an authorised waste site. Wash the area with strong industrial detergent and hot water.
- Measure for cleaning** Small spillages: Sweep up & remove to an industrial skip (i.e. less than 50 kg).  
Large spillages: Land fill

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**7. HANDLING AND STORAGE**

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- Handling and Storage Precautions** Keep in dry, cool and well-ventilated area as water contact will initiate set. Avoid generation or accumulation of dusts. Use local exhaust extraction.
- Work/Hygienic Practices.** Wash thoroughly after using product.

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**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

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<b>Engineering Controls</b>	General ventilation and/or local exhaust recommended.
<b>Hygienic Measures</b>	EXPERTS ALWAYS WEAR THE RIGHT PROTECTIVE CLOTHING. Always wash hands before eating, drinking, smoking or using the toilet and after finishing work. Observe good housekeeping and general hygiene guidelines.
<b>Eye/Face Protection</b>	Chemical worker's goggles
<b>Skin Protection</b>	Light gloves. Suitable work wear should be worn to protect personal clothing, e.g. cotton overalls buttoned at neck and wrist. Dusty clothing should be laundered before reuse. Use precautionary measures to avoid creating dust when removing or laundering clothes.
<b>Respiratory Protection</b>	Class P1 or dust mask.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>	Cementitious powder
<b>Colour</b>	Grey
<b>Odour</b>	Odourless
<b>Bulk Density @20°C Kg/l</b>	1.18
<b>pH Value</b>	9-11
<b>Water Solubility:</b>	Insoluble, but reacts slowly with water to cure
<b>Vapour Pressure</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Ignition Temp.</b>	Not applicable
<b>Explosion Limits:</b>	Not applicable

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**10. STABILITY AND REACTIVITY**

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<b>Thermal decomposition / Conditions to be avoided</b>	No decomposition if used according to specifications
<b>Dangerous reactions</b>	Does not occur.
<b>Dangerous product of composition</b>	Minor ingredients could produce oxides of carbon or nitrogen, or hydrocarbons in fire

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**11. TOXICOLOGICAL INFORMATION**

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No toxicity data is available for this specific product, however toxicity data found for constituents are stated below: Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma.

Exposure to fine dust (respirable crystalline silica dust) contained in the products must be prevented to avoid risk of lung disease.

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**12. ECOLOGICAL INFORMATION**

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<b>Environ. Protection</b>	Not expect to create environmental hazards unless dumped in massive quantity.
<b>Mobility</b>	N/A
<b>Bioaccumulation</b>	N/A
<b>Ecotoxicity</b>	N/A

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**13. DISPOSAL CONSIDERATIONS**

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<b>Product Disposal</b>	Hazardous waste. Arrange for disposal via a licensed waste contractor.
<b>Container Disposal</b>	Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

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**14. TRANSPORT INFORMATION**

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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.			

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**15. REGULATORY INFORMATION**

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**(C.P.L. Parts IV & V "Approved List", also EEC Directive - Dangerous Substances 79/83/EEC). Not regarded as hazardous to C.P.L. regs.**

U.S. Regulation Information: All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act ( TSCA ) Chemical Substance inventory.

SARA Hazards Classes

Acute health hazard

Chronic health hazard

SARA Section 313 Notification: 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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**Contact Person/Point** Technical Support: +66 2 917 3955-8

HMIS Rating	Health : 2
	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.*