



Material SAFETY DATA SHEET

Setcrete RMW (Powder)

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Setcrete RMW (Powder)**

Description: Powder waterproofing admixture for concrete and mortar

Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com

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MSDS Number: DCP-IND/01/06

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Calcium hydroxide, Sodium Salt of Poly-Naphthalene Sulphonic acid.			
Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Calcium hydroxide	Xi	R38, R41	1305-62-0	10 - 20
Sodium Salt of Poly-Naphthalene Sulphonic acid	Xi	R36/37/38	36290-04-7	80 - 90

THIS PRODUCT IS CHEMICAL

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Irritating to eyes, respiratory system and skin.
Risk of serious damage to eyes

Classification: Xi. R36/37/38, R41.



4: FIRST AID MEASURES

Eyes:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.
Skin:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	Non flammable.
Extinguishing Media:	Carbon dioxide, powder, foam or water.
Personal Protective Equipment:	Self-contained breathing apparatus.
Special Exposure Hazards:	Alkaline hydroxides boiled with phosphorus yields mixed phosphines which may ignite spontaneously in air. Sulfur oxides (SO ₂ , SO ₃) and Carbon Oxides (CO, CO ₂).

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	into labeled containers. Dispose off as applicable regulations.

7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Storage:	Keep container tightly closed in a cool dry area away from sources of heat and out of direct sunlight to avoid pressure build up. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Safety glasses/goggles.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Respiratory Protection:	Organic chemical cartridge respirator.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.
Exposure Guidelines:	TWA: 5 (mg/m ³)

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder
Colour:	Light yellow
Odour:	Not applicable
pH (concentrate):	Not applicable
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	Not applicable
Flammability Limits (°C):	Not applicable

10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Not applicable.
Chemical Incompatibility:	Acids.
Hazardous Decomposition Products:	Thermal decomposition can yield oxides of carbon, toxic fumes.



11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Acute Oral effect LD50 > 2000mg/kg.

Health Effects

On Eyes:	Causes severe irritation of the eyes. Can cause "Lime Burns" of the eye. Clumps may lodge deep in the recesses of the eye, releasing calcium hydroxide over a long period of time. Severe burns of the cornea with possible damage to corneal nerves can occur.
On Skin:	Causes skin irritation. Alkalies penetrate skin slowly. The extent of damage depends on the duration of contact.
By Inhalation:	Causes severe irritation of the respiratory tract (nose, throat, lungs), and mucous membranes with coughing, wheezing and/or shortness of breath. Material is destructive to tissue of the mucous membranes and upper respiratory tract.
By Ingestion:	Causes gastrointestinal tract irritation with vomiting, diarrhea, severe pain. Vomitus may contain blood and desquamated mucosal lining. May cause delayed gastrointestinal burns and perforation (gastric or esophageal) with severe abdominal pain and rapid fall in blood pressure.
Chronic:	Prolonged or repeated skin contact may produce severe irritation or dermatitis.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Powder.
Degradability:	Not determined.
Bioaccumulation:	Not determined.
Acute Fish Toxicity:	Not determined.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

Xi



Irritant

Named Ingredients:

Calcium Hydroxide

Risk Phrases:

R36/37/38

Irritating to eyes, respiratory system and skin.

R41

Risk of serious damage to eyes.

Safety Phrases:

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39

Wear suitable gloves and eye/face protection.

THIS PRODUCT IS CHEMICAL

16: OTHER INFORMATION

Issue Date:

24/03/2013

Revised Date:

Disclaimer:

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.