



Material SAFETY DATA SHEET

Repelicone S

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Repelicone S**
Description: Impregnating water repellent for masonry
Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com
Date Prepared: 25.08.15
MSDS Number: DCP-IND/06/04

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Alkoxy silanes.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Alkoxy silanes	-	R10	35435-21-3	55 - 95

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Classification: F. R10

4: FIRST AID MEASURES

Eyes: Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.
Skin: Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice.
Inhalation: Provide fresh air.
Ingestion: Give several small portions of water to drink. Do not induce vomiting.



5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	40°C.
Extinguishing Media:	Water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand. Do not use water spray or water jet.
Personal Protective Equipment:	Use respiratory protection independent of re-circulated air.
Special Exposure Hazards:	Toxic fumes, Alcohols. Do not allow extinguishing water to enter sewerage, the soil or inshore waters.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear personal protection equipment. Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapours. If material is released indicate risk of slipping. Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.
Decontamination Procedures:	Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Exhaust vapours.

7: HANDLING AND STORAGE

Handling:	Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10. Spilled substance increases risk of slipping.
Storage:	Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water. Protect against moisture. Keep container tightly closed and store in a cool, well ventilated place.



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.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	Slight
pH (concentrate):	Not applicable
Boiling Point (°C):	235
Flash Point (closed cup) (°C):	40
Relative Density (@20°C):	0.85 – 0.95
Water Solubility:	Virtually insoluble

10: STABILITY AND REACTIVITY

Stability:	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Conditions to Avoid:	Humidity, any source of ignition. And temperatures above 40°C.
Chemical Incompatibility:	Reacts with: water, basic substances and acids. Reaction causes the formation of: ethanol.

11: TOXICOLOGICAL INFORMATION

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

Health Effects

On Eyes:	Not irritant.
On Skin:	Not irritant.
By Inhalation:	Not irritant.
By Ingestion:	Not irritant.



12: ECOLOGICAL INFORMATION

Environmental Assessment:	According to current knowledge adverse effects on water purification plants are not expected.
Mobility:	No data available.
Degradability:	No data available.
Bioaccumulation:	No data available.
Acute Fish Toxicity:	Acute toxicity: 96h LC50 (fish) , 48h EC50 (daphnia) and 72h IC50 (algae). Up to maximum solubility in the test medium the substance and its hydrolysis products do not show any acute toxic effect in fish, daphnia and algae.

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

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

Named Ingredients:	Alkoxy silanes.
Risk Phrases:	R10 Flammable.
Safety Phrases:	S23 Do not breath fumes/vapours/spray. S43 In case of fire use, never use water-spray.

16: OTHER INFORMATION

Issue Date: 25/08/2015 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.