



TECHNICAL INFORMATION SHEET

SUPER SEAL WATER REPELLENT

Construction Chemicals Super Seal Water Repellent

Super Seal Water repellent is a high solids, solvent based water repellent designed for use in the most exposed areas. It is based on polyoxoaluminium state in a solution and is used for protecting brick, stone, concrete and other masonry against penetration of rainwater and lateral dampness.

Super Seal does not alter the appearance of the substrate after treatment providing instructions are closely followed. The product is absorbed by the surface to a depth of up to 5mm and gives a water repellent effect. It is not a pore blocker and allows the wall to breathe after treatment.

Application

The surface must be sound and free from surface cracks etc. It is important to look for poor pointing or hollow rendering. If imperfections are present these must be rectified to achieve successful treatment.

The surface must be dry before treatment and it is advisable to leave the wall to dry for at least 48 hours after rain.

Apply by brush or spray at a rate of 3-5 metres square per litre per coat. When applying by spray expect a 45cm run down.

A second coat should be applied after a minimum of 6 hours, providing rain has not fallen within the period.

Precautions

Super Seal is flammable. Use in a well ventilated area and wear suitable protective clothing including gloves, overalls and face mask.

Performance Details

Meets requirements of BS6477:1992 – Specification for Water Repellents for Masonry Surfaces.

Super Seal Life Expenditure 5-10 Years, depending on exposure.

HEALTH & SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product name: SUPERSEAL WATER REPELLENT
Company: CONSTRUCTION CHEMICALS UK LTD
75 TOWN GREEN STREET
ROTHLEY
LEICESTER
LE7 7NW
Tel: 0116 230 1955
Fax: 0116 230 1944

2. COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous ingredients EEC Number Symbols/Risk Phrases Approx Conc% w/w

3. HAZARDS IDENTIFICATION

Inhalation: Liquid and vapour is irritant, may cause drowsiness, dizziness and ultimately unconsciousness
Skin: Liquid is irritating to skin, may cause dermatitis
Eyes: Vapour irritating to eyes
Ingestion: Low viscosity product. If after ingestion vomiting occurs, harmful or fatal if aspirated into the lungs

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If unconscious turn into the recovery position. Get medical help.
Skin: Wash with soap and water
Eyes: Flush out with clean water for 10 minutes. Get medical help
Ingestion: Do not make patient vomit. Place patient in the recovery position. Get medical help

5. FIRE FIGHTING MEASURES

Small fires: Use carbon dioxide, dry chemical, foam, sand, earth or water fog.
Large fires: Use foam or water fog. Keep containers cool by spraying with water

6. ACCIDENTAL RELEASE MEASURES

Any spillage may be absorbed into sand, clay or similarly absorbent material. Disposal should be carried out in accordance with the Special Waste Regulations. If any liquid enters drainage systems inform Authorities, Fire Brigade and Environmental Agency.

7. HANDLING AND STORAGE

Handling: Ensure good ventilation. Pump at no greater than 7 metres per second.
Storage: Keep in tightly closed, clearly labelled containers. No smoking. Naked flames, hot elements or other ignition sources must not be present

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OES 8 hrs T W A OEL 8 hrs T W A
MEL OEL 8 hrs T W A 150
Protection: Wear impervious gloves and suitable eye protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colourless liquid
Odour: Mild odour
Boiling point: 152-198
Freezing point: <-20
Flash point (°C): 38
Auto ignition temp: 230
Explosion limits: 0.9 ó 8.0
Solubility in water: Insoluble
Solubility in organic: Miscible with many
Evaporation rate: 6.3 (ether-1)
Density kg/l @ 15°C: 0.778
Vapour density gm/l @ 20°C: 5.5
Viscosity c.ST@20°C: 1.24
Vapour pressure Kpa@20°C: 0.44

10. STABILITY AND REACTIVITY

Stable at normal temperatures and pressures. Not reactive at normal temperatures and pressure conditions.

Inhalation:	Not available
Skin contact:	Not available
Eye contact:	Not available
Ingestion:	Not available

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

LL50	Fish	Low 1	High 10 mg/L
LL50	Daphnia	Low 1	High 10 mg/L
LL50	Algae	Low 1	High 10 mg/L

13. DISPOSAL RECOMMENDATIONS

This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local and National Waste Disposal Regulations.

14. TRANSPORT INFORMATION

UN No: 1300	EMS: 3.07	IMDG: Class 3.3
Packaging group: 3	MFAG: 311	Marine pollutant: P
CAS No:64742-88-7	Trans.cat: 3	EEC No: 265-191-7
ICA/IATA: 3	Trans class: 3	ADR: 3.3111 (C)
Trem card: 30 G 35	Kemler code: 30	Emergency action code: 3(Y)

15. REGULATORY INFORMATION

R10:	Flammable
R36/37/38:	Irritating to eyes, respiratory system and skin
R51/53:	Toxic to aquatic organisms, may cause long-term adverse affects in the aquatic environment
R65:	Harmful: may cause lung damage if swallowed
S24/25:	Avoid contact with skin and eyes
S26:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37:	Wear suitable gloves
S43:	In case of fire, use foam or dry powder
S51:	Use only in well ventilated areas
S62:	If swallowed do not induce vomiting: seek medical advice immediately and show this container or label

*Obligatory safety phrases.

Reference should be made to Health and Safety at Work Act and Control of Substances Hazardous to Health Regs.

16. OTHER INFORMATION

An aromatic middle distillate. BOD 53%. Source of enviro-toxicology data CEFIC.

The information given in this document has been compiled on the basis of best available knowledge in accordance with the requirements of the Chemical Hazard Information and Packaging Regulations 1994 (Am 1997). It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy him/herself as to the application of the information and/or the recommendations given for his/her own use.