

PRODUCT DATA AND HEALTH & SAFETY INFORMATION

Issue 1 Jan 1999

1 IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Name: **SUPER WATER REPELLENT**
Supplier: Chemical Building Products Limited, Tarasay, Higher Blandford Rd, Corfe Mullen,
Wimborne, BH21 3JG
Tel: 01202 601701 Fax: 01202 604300

2 INFORMATION ON INGREDIENTS

Hazardous Ingredients	EEC Number	Symbol/s	Risk Phrases	Approximate Concentration %w/w
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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, place in recovery position. Seek medical attention.
Skin:	Wash with soap and water.
Eyes:	Flush out with clean water for 10 minutes. Seek medical attention.
Ingestion:	Do not induce vomiting. Place patient in the recovery position. Seek medical attention.

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 similar 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 STORAGE AND HANDLING

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 (MG/M3) AND PERSONAL PROTECTION

O.E.S. 8hr T.W.A.	O.E.L.8hr T.W.A.
M.E.L.	O.E.L.Sol 8hr T.W.A. 150
Protection	Wear impervious gloves and suitable eye protection.

9 PHYSICAL AND CHEMICAL PROPERTIES

Formula	Not applicable	Vapour Density gm/L @ 20° C	5.5
Solubility in Water	Insoluble	Viscosity c.St. @ 20° C	1.24
Appearance	Clear colourless liquid	Vapour Pressure Kpa @ 20° C	0.44
Solubility in Organics	Miscible with many	Boiling Points ° C	152-198
Odour	Mild odour	Freeze Point ° C	<-20
Evaporation Rate	63 (ether=1)	Flash Point ° C	38
Density. Kg/L @ 15° C	0.778	Auto ignition Temp ° C	230
		Explosion Limits	0.9-8.0

10 STABILITY AND REACTIVITY

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

Inhalation	Not available	Ingestion	Not available
Skin Contact	Not available	Eye Contact	Not available

11 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

12 DISPOSAL CONSIDERATIONS

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

13 TRANSPORT INFORMATION

UN/Number	1300	E.M.S	3.07	I.M.D.G.	Class 3.3 Code Page 3375
Packaging Group	3	M.E.A.G.	311	Marine Pollutant	P
C.A.S. Number	64742-88-7	Trans.Cat.	3	E.E.C. Number	265-191-7
ICA/IATA	3	Trans. Class	3	A.D.R.	3.31° (C)
Trem.Card	30 G 35	Kemler Code	30	Emergency Action Code	3 (Y)

14 RISK AND SAFETY PHRASES

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 area.
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 Regulations.

15 OTHER INFORMATION

An aromatic middle distillate. BOD 53%. Source of enviro-toxicology data C.E.F.I.C.

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.

Date: Jan 1999.

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Issue 2
January 1999

PRODUCT NAME **SUPER WATER REPELLENT**

1. CLASSIFICATION

Chemical Building Products' Super Water Repellent is based on Polyoxoaluminium Stearate in a solvent carrier used in protecting brick, stone, concrete and masonry against rainwater penetration. It is supplied as a clear solution and does not change the aesthetic appearance of the substrate after treatment. On application, dependent on the porosity of the material to be treated, it penetrates up to a depth of 5mm, effectively repelling driving rain. The surface however, can breathe thus ensuring that previously absorbed moisture will evaporate thus allowing the treated areas to dry out normally.

Polyoxoaluminium Stearate based water repellents have been independently tested and are known to be effective for 10 years. (See Agreement Certificate No. 88/2118. Chemical Building Products DPC System).

2. METHOD OF USE

Ensure that the surface to be treated is dry and masonry joints are sound and free from cracks. Apply by brush or spray (low pressure) at a rate of 2.5 – 4m/litre pre coat (100-250ft/gallon). Coverage depends on the porosity of the surface and 2 coats are normally applied. Allow 6 hours drying time between coats.

3. PRECAUTIONS

Chemical Building Products' Super Water Repellent is flammable (flash point 40° C). When spraying wear suitable protective clothing namely gloves, overalls and face mask. Although ventilation should not represent a problem under normal respiratory protection.

4. TECHNICAL SPECIFICATION

Chemical Building Products' Super Water Repellent meets the requirement of BS6477: 1992, "Water Repellents for Masonry Surfaces".