

PRODUCT DATA & HEALTH & SAFETY INFORMATION

Revision: 1

Issue Date: 15/5/1994

Revised: 20/7/1999

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Name: **DRYZONE**
Product Description: Masonry Damp Proof Course Cream
Supplier: ChemBuild Ltd, Tarasay, Higher Blandford Rd, Corfe Mullen, BH21 3JG
Tel: 01202 601701 Fax: 01202 604300

2. COMPOSITION/INGREDIENTS INFORMATION

Description: An aqueous emulsion containing alkylalkoxysilane and aminofunctional siloxane.

Hazardous Ingredients	% w/w	CAS	EINECS	SUPPLY CLASS
Aminofunctional siloxane	> 5	71750-80-6		Irritant R36
Alkylalkoxysilane	< 15	2943-75-1		Irritant R36/38

3. HAZARD INFORMATION

Irritating to eyes and skin.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.
Eye Contact: Immediately gently irrigate with clean water for 10 to 15 minutes. If any irritation persists, seek medical attention straight away.
Skin Contact: Remove contaminated clothing. Wash affected skin with soap and plenty of water.
Ingestion: Give one pint of water to drink as soon as possible and call for medical attention. Do NOT induce vomiting. Consult doctor as soon as possible and show label.

5. FIRE FIGHTING MEASURES

Extinguishing Media Water mist, alcohol foam, carbon dioxide or dry chemical.
Fire/Explosion Hazards If heated in a fire, carbon monoxide carbon dioxide and silica may be evolved.
Protective Measures Fire fighters should wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear rubber gloves and boots. Wear chemical safety goggles. Wear approved type respirator.
Environmental Precautions Do not allow to enter drains or sewers.
Recovery Contain and absorb into sand or earth and sweep up. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Storage Keep containers sealed and store above 5°C.
Ventilation Good general ventilation, natural or mechanical.
Handling Wear Rubber gloves and safety glasses or goggles.

8. EXPOSURE CONTROLS AND PERSONNEL PROTECTION (NORMAL USE)

Occupational Exposure

Limits

Name	8Hr TWA	10 min	Type	Ref
Ethanol	1000 ppm	-	OES	EH40/98

Engineering Measures Mechanical extraction if the natural ventilation is poor.

Personal Protective

Equipment

Respiratory Not required unless aerosol is created, then use combination A1-P2 filter.
Hand Wear PVC gloves.
Eye Goggles giving full eye protection.
Other Eye wash/irrigation bottle or station should be available close to the place of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White cream	Solubility in Water:	Miscible with water, alcohols and glycols
Odour:	Faint and characteristic	pH (as delivered)	8
Flash Point	74°C		
Other:			

10. STABILITY AND REACTIVITIES

Stability Stable in ambient conditions
Conditions to avoid. Avoid working in confined spaces with poor ventilation. Keep the temperature above freezing
> 5 deg C
Materials to avoid Avoid any strong acids and oxidising agents.
Recommended materials
For Equipment Use polyethylene or polyethylene lined vessels or pipes.
Hazardous decomposition
Products In the long term alcohol is formed by hydrolysis.

11. TOXICOLOGICAL INFORMATION

Short Term
Inhalation: >5.2 mg/1/4h. (Rat limit test)
Eye Contact: Irritating to eyes.
Skin Contact: Degreases the skin leading to slight irritation.
Ingestion: No acute oral data available.
Long Term Effects Caution – not yet fully tested.

12. ECOLOGICAL INFORMATION

Biodegradability Product hydrolyses to ethanol, silanol and/or siloxanol compounds.
Aquatic Toxicity Considered to be a weak water pollutant by German criteria (WGK 1)
Other No data cited.

13. DISPOSAL INFORMATION

Disposal through an authorised contractor to an incinerator site. In accordance with the Control of Pollution Act 1974. Control of pollution (Special Waste) Regulations 1980 apply. Hazardous waste as defined by EC Council Directive 91/689/EEC. Disposal outside the UK in accord with local regulations governing hazardous liquid and solid wastes.

PRODUCT DATA & HEALTH & SAFETY INFORMATION

Product Name: [DRYZONE Cont/-](#)

14. TRANSPORT INFORMATION

Packaging (Size & Description)	600ml foil package
Transport Classification	Not classified as hazardous for transport purposes.
Substance Identification No	
Proper Shipping Name	
ICAO/IATA/IMDG Class	Non hazardous, not a marine pollutant.
Subsidiary Risk	-
Packing Group	-
ADR Class	-
Transport Hazard Symbol	None
Hazard Indent Number	-
Emergency Action Code	2Z
Other	

15. REGULATORY INFORMATION

Supply Classification	IRRITANT
Hazard Pictogram	XI. St Andrews Cross (black on orange)
Risk Phrases	R36/38 Irritating to eyes and skin.
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. S28 After contact with skin, wash immediately with plenty of water.
Other Applicable Regulations	COSHH regulations apply. The information contained in this safety data sheet does NOT constitute or substitute for the users own assessment of risk in their workplace.

16. OTHER INFORMATION

References:	The Chemicals (Hazard Information and Packaging) Regulations, SI 1992 No. 742, SI 1980 No 1709, 88/379/EEC, 91/155/EEC, 91/155/EEC, IMDG Code1991 plus amendments. ADR Agreement 1993. Supplier MSDS or various dates.
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PRODUCT DATA & HEALTH & SAFETY INFORMATION

PRODUCT NAME **DRYZONE**

HAZARD IDENTIFICATION & COSHH ASSESSMENT INFORMATION

<u>Product</u>	<u>Manufacturer</u>	<u>Occupational Exposure Limits</u>	
DRYZONE	Chembuild Ltd Tarasay , Higher Blandford Road Corfe Mullen Wimborne BH21 3JG Tel: 01202 601701 Fax: 01202 604300	TWA	8h

Chemical Composition An aqueous emulsion containing alkyloxisilane and amino-functional silaxane.

Hazard Classification Not classified as hazardous.

Risks None

Appearance White cream

ASSESSMENT OF EXPOSURE

How Used Foil cartridges inserted into injection gun and punctured. The gun trigger releases cream into delivery tube for application. Operatives must wear appropriate personal protective equipment.

Frequency of Use Used for 1 – 2 hours per day. May be every day to once a week.

Method of Handling Product is sealed in foil cartridges and ready for use in applicator gun.

Assessed Risks in Context of Use No classified risks. May cause irritation to eyes and skin.

Control Measures Avoid skin and eye contact.

<u>Personal Protective Equipment During Application</u>	<u>Gloves</u>	<u>Goggles</u>	<u>Coverall</u>	<u>Respirator</u>	<u>Dust Mask</u>	<u>Face Shield</u>
	Yes	Yes	Yes	Yes	No	Yes

Manufacturer's Data Sheet On File and Present in Team Leader's Folder Health Surveillance Required. No

Special Considerations: Read material safety data sheet, available on request from ChemBuild Ltd.

This document has been supplied by ChemBuild Ltd as an example of how a COSHH assessment might be carried out by the Contractor. It remains the responsibility of the Contractor to perform the assessment, taking into account all information and in-use experience available. The aim must be to fulfil his responsibility under COSHH to employ the safest treatment possible for the situation.