

Safety Data Sheet

DUK-SDS-004

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Names: Dryvit Brick Effect

Product Type: Pigmented ready to use cement based render pre-mix.

Application: Rendering of exterior walls and surfaces.

Supplier Address: Dryvit UK Ltd, Unit 4, Wren Park, Shefford, Beds, SG17 5JD.

Tel: 01462 819555 Fax: 01462 819556 e-mail: uqenquiries@dryvit.com

2. HAZARDS IDENTIFICATION

Inhalation of powder and contact between powder and skin or eyes may cause irritation.

Classification of substance:

Irritant




Contact between powder and body fluids (e.g. sweat and eye fluids) may also cause irritation, dermatitis or burns.

Contact with wet cement or wet render may cause skin irritation, dermatitis or burns. There is a risk of serious damage to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

A blend of sand, cement, lime and admixtures. The main hazardous ingredients are Calcium Hydroxide, Calcium silicates and Alkalis. When mixed with water, the resulting wet mortar is abrasive and alkaline.

Ingredient	CAS No	% Composition	Classification	Symbol	R Phrases
Portland Cement	65997-15-1	20-55	Irritant		R36/37/38

4. FIRST AID MEASURES

- Eye contact:** Wash eyes immediately with plenty of clean water for at least 15 minutes and seek medical advice without delay.
- Skin contact:** Wash the affected area thoroughly with soap and water. If irritation persists, seek medical advice. Remove contaminated clothing and wash thoroughly before use.
- Ingestion:** Do not induce vomiting. Wash mouth out with water and give patient plenty of water
- Inhalation:** If irritation occurs, remove patient to fresh air. If irritation persists, seek medical advice.
- General recommendation:** For any type of exposure obtain medical advice.

5. FIRE FIGHTING MEASURES

The product is not flammable and will not burn.

6. ACCIDENTAL RELEASE MEASURES

- Personal Protection:** See Section 9.
- Method for clearing up:** If material is in powder state, sweep up or vacuum avoiding the generation of dust. If material is a paste, scrape up. Avoid contamination of watercourses and drains.

7. HANDLING AND STORAGE

Handling: See Personal protection Section 9. Handle in well ventilated areas using methods to minimize dust.

Storage: Store in unopened bags clear of the ground in cool, dry conditions. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standard:

Substance/Ingredient	OEL 8hr TWA		STEL		Comments
	PPM	Mg/M ³	PPM	Mg/M ³	
Total inhalable Dust		10			
Respirable Dust		4			

Engineering Measures: Where reasonably practicable, control dust exposure by engineering means.

Personal Protective Equipment: Wear suitable protective clothing to avoid contact with skin. A dust mask and dust-proof goggles should be worn wherever there is a possibility of dust being generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Various coloured powders (yellow, red, brown)
Physical State:	Powder blend
Odour:	None
PH:	12 – 14 when wet
Viscosity:	N/A
Freezing Point:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Flash Point:	N/A (Not flammable)
Explosives Properties:	N/A (Not explosive)
Bulk Density:	1300-1500 kg/m ³
Solubility:	Partially soluble in water

10. STABILITY / REACTIVITY

Chemical stability:	Stable
Hazardous Decomposition Products:	None
Materials to avoid:	Strong acids and Oxidising agents

11. TOXICOLOGICAL INFORMATION

Oral Toxicity:	Product is of low oral toxicity
Dermal Toxicity:	Product is of low dermal toxicity. Skin exposure, particularly to the wet paste can cause dermatitis and has been linked to allergic (Chromium) dermatitis.
Sensitisation/Irritation:	Persistent skin contact with wet product may give rise to sensitization.
Eye Contact:	Cement is a severe eye irritant, and mild exposures can lead to soreness. Untreated exposure and larger exposure can lead to chemical burning and ulceration.
Carcinogenicity/Mutagenicity:	Not Known.
Long term Effects:	Chronic effects – High repeat dosage above OEL may be linked with rhinitis.
Calcium Hydroxide Toxicity Data:	Eye – rbt 10mg SEV; cyt – rat/ast 1200mg/kg orl – rat LD50:7340mg/kg; – mus LD50: 7300mg/kg.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:
LC50 not determined
For Calcium Hydroxide: Toxicity Level – 92ppm / 7 Hour / Trout / Fresh Water.
The addition of cement to water will result in a rise of pH and may therefore, be toxic to aquatic life, although not classified as a marine pollutant.
Mobility

Biological Oxygen Demand: BOD not applicable.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation. Product is not listed as dangerous waste. Do not empty into drains, sewers or water courses. Product that has exceeded its shelf life when demonstrated to contain more than 0.0002% Cr (vi), shall not be used.

Codes according to the European Waste Catalogue (EWC) regulations:

The classification of the product, when disposed of as waste is non-hazardous waste code 10 13 11.

The classification for empty bag packaging is 15 01 01

Fully cured material is not considered as hazardous waste

These codes have been assigned on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.

For further information contact your local waste authority. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under The Control of Pollution Act and The Environmental Protection Act. Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

Hazard Label Data:

Classification: Xi irritant

Warning symbol:



Risk Phrases:

R 34 Contact with wet cement or wet mortar may cause irritation, dermatitis or burns.

R 36/37/38 Contact between powder and body fluids (e.g. sweat and eye fluids) may cause irritation, dermatitis or burns.

R 41 There is a risk of serious damage to the eyes.

R 43 May cause sensitization by skin contact.

Safety Phrases:

S 2 Keep out of reach of children

S 24/25 Avoid contact with skin and eyes

S 26 In case of eye contact rinse immediately with plenty of water and seek medical advice.

S 28 After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection

16. OTHER INFORMATION

The information contained in this Health and Safety Data Sheet is provided in accordance with the requirements of the CHIP Regulations and complies with directives 1999/45/EC, 91/155/EEC, 2001/158/EC and 67/548/EEC as amended. The product should not be used for purposes other than those shown in section 1 without first referring to Dryvit UK Ltd and obtaining handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national

legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

Information contained in this card is based on data consistent with the current state of knowledge. Dryvit UK Ltd. shall not be liable for any damage caused by this product to the body or property of its buyers, users or third parties. The buyers and users undertake all risk related to improper usage of this material.

Further information and advice can be found in:-

The Control of Substances Hazardous to Health Regulations 2002 (SI2002:2677) and amendments COSHH Essentials: easy steps to control chemicals (HSG193). Details of Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in this publication. CONIAC health hazard information sheet no 26 (CEMENT). Portland Cement Dust – criteria document for occupational exposure limit (June 1994) (ISBN 07176-0763-1) HAS Guidance Note EH26 (Occupational skin diseases – Health and Safety Precautions). HSE Guidance Note EH40 (Workplace exposure limits). The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839) HSE website www.hse.gov.uk

SDS issue: Revision 00 Issued 18th April 2011