



## SAFETY DATA SHEET

### **1. PRODUCT IDENTIFICATION:**

**Product:** DURABOND RAPID SET

**Description:** Fast Setting Ceramic Floor Tile Adhesive

**Manufacturer:** Palace Chemicals Ltd.  
Speke Hall Industrial Estate,  
Speke,  
Liverpool,  
L24 4AB

Emergency Telephone: 00 44 151 486 6101  
Fax: 00 44 151 448 1982

**Supplier:** McLoughlins RS,  
Unit 5,  
Northern Cross Business Park,  
Finglas,  
Dublin 11.

Telephone: 00353 1 8239200  
Fax: 00353 1 8239222

### **2. COMPOSITION:**

A Portland Cement (CAS 65997-15-1 - Conc'n < 50%) based blend of calcium silicates, calcium aluminates, lime graded silica sands; spray dried copolymers, methyl cellulose; organic additives and super - plasticisers.

### **3. HAZARDS CLASSIFICATION:**

**IRRITANT Contains CHROMIUM VI - May produce an allergic reaction**

**RISK OF SERIOUS DAMAGE TO EYES**

Prolonged contact with skin in wet state will cause irritation and redness

Avoid inhalation into mucous membranes.

### **4. FIRST AID MEASURES:**

#### **INHALATION:**

Avoid working in a poorly ventilated, confined space. Remove to fresh air and rest. If nose or airways become inflamed or breathing difficulties occur, seek medical attention.

#### **SKIN CONTACT:**

Wash off skin immediately with warm soapy water. Remove contaminated clothing and launder regularly. Where irritation to skin is apparent seek prompt medical attention.

#### **INGESTION:**

Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Seek medical attention if mouth is inflamed

#### **EYE CONTACT:**

An instant response is essential. Irrigate thoroughly for 15 minutes with clean running water or eye wash bottle. Seek medical attention if eye irritation becomes inflamed.

## **5. FIRE FIGHTING MEASURES:**

### **NON FLAMMABLE**

Recommended extinguishers – Dry powder; Foam, CO<sub>2</sub> – sacks may support combustion product will not.

Hazardous decomposition when subject to combustion – N/A

Special procedures – N/A

## **6. ACCIDENTAL RELEASE MEASURES:**

Recover spillages in a dry state wherever possible. Do not allow wet residues to harden. Confine all residues in a clearly marked sealed containers for disposal in accordance with Local Authority regulations for cement-based building products.

## **7. HANDLING & STORAGE:**

Handling: Lifting operations must be no more than 1 x 20kg sack at a time by a competent operator wearing gloves.

Storage: Store in sealed, clearly marked sacks. Do not stack more than 4 high. Keep out of reach of children in a cool well-ventilated environment, preferably off the ground and out of contact with water

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION:**

OEL 8hr TWA = 10mg/M<sup>3</sup> total inhalable dust - 4mg/M<sup>3</sup> respirable dust.

### **Respiratory:**

Good ventilation is always recommended along with a BS approved dust mask

**Hand:** Wear 17" long elbow length heavy duty natural rubber gloves or gauntlets approved to EN 374 & EN 420 with a BTT rating of > 8 hrs for strong alkalis

### **Eye:**

Dust proof BS 2092 Goggles or chemical grade visors are also advised wherever there is a risk of dust or paste entering the eyes.

### **Skin:**

PVC overalls should be worn and laundered immediately after use. Do not work in powder or paste contaminated overalls

## **9. PHYSICO-CHEMICAL PROPERTIES:**

Appearance – Coarse grey particulate powder

Boiling point range – n/a

Solubility – water dispersible

Auto ignition temp – n/a

Specific gravity - 1.35 dry - 2.25 wet

Miscibility – water only

Evaporation rate - N/A

Odour – N/A

Vapour pressure – N/A

Flash point - N/A

Explosive properties - N/A

Viscosity – > 50,000 Mpa.s when mixed.

PH - 11.0 - 12.5

Oxidising properties - N/A

## **10. STABILITY & REACTIVITY:**

Conditions to avoid - n/a

Materials to avoid – Strong acids

Hazardous decomposition products - n/a

## **11. TOXICOLOGICAL INFORMATION:**

Routes of exposure – Inhalation, skin contact, eye contact and ingestion.

Key Health effect – severe skin burns and destruction of internal mucous membranes

Acute toxicity: severe eye irritant

Corrosivity: irritates skin in wet state

Sensitisation: contact & allergic dermatitis

Mutagenicity: n/a

Carcinogenicity: n/a

Reproductive toxicity: n/a

N/A = No Information Available

#### **12. ECOLOGICAL INFORMATION:**

Bio-accumulative potential – not expected to bio-accumulate.

Ecotoxicity: strongly alkali – will adversely affect low volume watercourses

Environmental Persistence – Not likely to remain strongly alkali in contact with water after hydration is complete.

#### **13. DISPOSAL CONSIDERATIONS:**

Dried powder, unused product and freshly contaminated application materials must be considered potentially irritant and disposed of in sealed bags in accordance with local authority regulations for building waste.

#### **14. TRANSPORT INFORMATION:**

Not classified for transport purposes

#### **15. REGULATORY INFORMATION:**

**CHIP Hazard symbols: Xi - IRRITANT**

**Contains CHROMIUM VI- May produce an allergic reaction**

**R41 - RISK OF SERIOUS DAMAGE TO EYES**

Safety phrases:

S2 Keep out of the reach of children

S24/25 Avoid contact with skin & eyes

S36/37/39 Irritating to eyes, skin & respiratory system

S64 If swallowed rinse mouth with water After contact with skin wash immediately with water.

**Other regulatory controls:** Health & Safety @ Work Act 1974;

Control of Substances Hazardous to Health Regulations 1994. Environmental Protection Act 1990.

#### **16. FURTHER INFORMATION:**

**Revision No. 2 (29-01-04)**

The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.