



SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION:

Product: DURABOND ADMIX

Description: Adhesion Enhancing Admix for Cement Based Tile Adhesives & Screeds

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,
North road, Finglas,
Dublin 11.

Telephone: 00353 1 8239200
Fax: 00353 1 8239222

2. COMPOSITION:

An aqueous dispersion of a micro-particle sized copolymer of styrene and acrylo-nitrile emulsion with trace levels of each monomer.

3. HAZARDS CLASSIFICATION:

NON-HAZARDOUS

This product is not classified in accordance with EU directive 1999/45/EC

4. FIRST AID MEASURES:

INHALATION:

If inhaled, clear out mouth with clean water and seek medical attention. If irritation or breathing difficulties persist, seek medical attention.

SKIN CONTACT:

Wash off skin with clean running water. Remove and launder heavily soaked clothing which may be in contact with skin

INGESTION:

Clean out mouth with copious volumes of water. Do not induce vomiting. Seek prompt medical attention and show this data sheet.

EYE CONTACT:

Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.

5. FIRE FIGHTING MEASURES:

This product is a NON-FLAMMABLE polymer dispersion based building admixture. Outer packaging surrounding this product will combust at when exposed to flames

6. ACCIDENTAL RELEASE MEASURES:

Absorb large spillages on sand, sawdust or absorbent granules and confine residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for water based polymer dispersions.

Keep away from drains and watercourses

7. HANDLING & STORAGE:

Store in sealed, clearly marked containers.

Keep out of reach of children in a cool well-ventilated and dry environment (Temps < 40°C).

The use of Personal Protective equipment as shown below is recommended when mixing this product as per instructions with DURABOND adhesives.

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

Occupational exposure limit: for residual levels of 20 ppm Styrene free monomer.

Respiratory:

Good ventilation is always recommended when pouring and mixing this product. In confined spaces respiratory equipment with organic vapour filter is advised

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 when working with cement pastes.

Eye:

Splash proof BS 2092 Goggles are advised wherever there is a risk of liquid admixture or cement paste entering the eyes.

Skin:

Wear a disposable plastic apron or overalls, which should be laundered after use if contaminated.

Waterproof safety boots/shoes are also recommended.

9. PHYSICO-CHEMICAL PROPERTIES:

Appearance – Opaque white milky liquid.

Miscibility – Water only

pH – 6.5 – 7.5.

Density – 1.025 +/- 0.03 gms / litre

Odour – slight ester type.

Solubility – 100% in water

Flash point - n/a

Boiling point - > 100°C

Vapour pressure - 25 hPa

Auto-ignition temperature - n/a

Viscosity - 100 - 150 mPa.s

Miscibility - 100% with water - none with in oils

10. STABILITY & REACTIVITY:

Materials to avoid - Will react with concentrated acids and strong oxidising agents.

Conditions to avoid - High temperatures

No known hazardous decomposition products - dissolves to harmless soluble salts

11. TOXICOLOGICAL INFORMATION:

Non-toxic under normal conditions of use.

Acute toxicity: N/A

Irritation: N/A

Sensitisation: N/A

Mutagenicity: N/A

Carcinogenicity: N/A

Reproductive toxicity: N/A

N/A = No information Available

12. ECOLOGICAL INFORMATION:

Persistence & degradability - no evidence of bio-accumulation

Ecotoxicity – May harm aquatic life in confined low volume watercourses

Bio-accumulative potential - All components are readily biodegradable.

13. DISPOSAL CONSIDERATIONS:

Dispose all volumes according to Local Authority regulations for aqueous, low hazard polymer dispersions.

Coagulate polymer phase and dispose aqueous phase under a bio treatment regime

14. TRANSPORT INFORMATION:

Not subject to CPL / ADR restrictions

15. REGULATORY INFORMATION:

CHIP Hazard symbols: NOT CLASSIFIED AS HAZARDOUS as supplied.

NB. R36 / 38 - IRRITATING TO EYES AND SKIN when used as an admixture with cement based mixtures - see relevant SDS for adhesive or self levelling compound.

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.