



RAPID SET CERAMIC TILE ADHESIVE

Issue date – RSTA-1/0202

**WALK ON 3 HOURS
AFTER FIXING***

**FAST-SETTING
WATER-RESISTANT**

**HIGH EARLY
STRENGTH**

DESCRIPTION:

RAPID SET is a cement-based, thin-bed ceramic tile adhesive, which conforms to BS 5980 Type 2 Class AA (BS EN 12004 Type C, Class 1FT). Available in grey for fixing ceramic floor and wall tiles, mosaics, natural and lightweight pre-cast cladding brick slips. RAPID SET forms a strong

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PRODUCT IDENTIFICATION:

RAPID SET FLOOR TILE ADHESIVE

COMPOSITION:

A Portland Cement (CAS 65997-15-1) based blend of lime, calcium silicates, calcium aluminates, graded silica sands; spray dried copolymers; organic additives and super - plasticisers

HAZARDS CLASSIFICATION: IRRITANT

**Contains CHROMIUM VI- May produce an allergic reaction
RISK OF SERIOUS DAMAGE TO EYES**

Contact with wet paste may cause dermatitis, irritation or burns
Wear suitable gloves, clothing and eye/face protection.

Avoid contact with skin and eyes.

Avoid breathing dust. Keep out of the reach of children

On contact with skin or eyes rinse immediately with plenty of water and seek immediate medical assistance after eye contact.

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.

FIRE FIGHTING MEASURES:

NON FLAMMABLE

Recommended extinguishers – Dry powder; Foam, CO2 – sacks may support combustion product will not.

Hazardous decomposition when subject to combustion – N/A

Special procedures – N/A

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.

HANDLING & STORAGE:

Handling: Lifting operations must be no more than 1 x 25kg 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

EXPOSURE CONTROL / PERSONAL PROTECTION:

OEL 8hr TWA = 10mg/M3 total inhalable dust - 4mg/M3 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

SAFETY DATA SHEET No. 046 – issue date: 16-06-03

PRODUCT: RAPID SET

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

STABILITY & REACTIVITY:

Conditions to avoid - n/a
Materials to avoid – Strong acids
Hazardous decomposition products - n/a

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: Damages skin

Sensitisation: Contact & allergic dermatitis
Mutagenicity: n/a

Carcinogenicity: n/a
Reproductive toxicity: n/a

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.

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.

TRANSPORT INFORMATION:

Not classified for transport purposes

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 – S24/25 – S36/37/39 - S64 **Other regulatory controls:** Health & Safety @ Work Act 1974; Control of Substances Hazardous to Health Regulations 1994.



IRRITANT

FURTHER INFORMATION:

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.