



# FLEXI-FLOOR TILE GROUT

Issue date – FFTG-1/0202

**FOR INTERNAL AND  
EXTERNAL APPLICATION**

**SUITABLE FOR JOINTS  
UP TO 20MM WIDE**

**FOR USE ON TILED  
TIMBER FLOORS**

## **DESCRIPTION:**

FLEXI-FLOOR TILE GROUT is a cement-based, highly polymer-modified joint filling compound, for tile joints from 3mm up to 20mm wide around all types of ceramic floor and wall tiles. FLEXI-FLOOR TILE GROUT is formulated to provide a flowable, readily compactable grouting slurry, which can be easily applied across all types of ceramic tiled surfaces using a sponge or rubber squeegee. FLEXI-FLOOR TILE GROUT is available in a range of shades including GREY, CHARCOAL, BROWN, SANDSTONE, LIMESTONE & IVORY and will dry to give improved adhesion and flexural strength, ideal for floors where slight movement and vibration can be expected. Its' durable and water-resistant finish makes it suitable for internal and external locations and also in fully immersed locations such as swimming pools.

## **SURFACE PREPARATION:**

## PALACE CHEMICALS LTD

Speke Hall Industrial Estate; Speke; Liverpool L24 4AB

Tel; 0151 486 6101; Fax 0151 448 1982; e-mail [technical@palacechemicals.co.uk](mailto:technical@palacechemicals.co.uk)

### PRODUCT IDENTIFICATION:

## FLEXI-FLOOR TILE GROUT

#### 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

#### 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 containers for disposal in accordance with Local Authority regulations for cement 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. If stored correctly and used within 12 months of the date shown on this bag, the activity of the reducing agent will be maintained and this product will contain, when mixed, no more than 0.0002 % (2 ppm) soluble chromium (VI) of the total dry weight of the cement. Use of this product after the end of the declared storage period may increase the risk of an allergic reaction. [Risks associated with Chromium VI do not apply to the white version of this product].

#### 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. 048F – issue date 16-06-06

### PRODUCT: FLEXI FLOOR TILE GROUT

#### PHYSICO-CHEMICAL PROPERTIES:

Appearance – Coarse grey 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 – Irritates skin and high alkalinity may damage internal mucous membranes if ingested.

Acute toxicity: severe eye irritant  
iCorrosivity: 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.