rotafix

# PRODUCT SAFETY DATA SHEET ACCORDING TO 93/112/EC SUPERFLUID GROUT



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Component 1 of 1

PRODUCT NAME AND CODE: SUPERFLUID GROUT - 3470 EMERGENCY NUMBER (OFFICE HOURS) 01639 730481

COMPANY-UNDERTAKING IDENTIFICATION - ROTAFIX HOUSE, ABERCRAF, SWANSEA, SA9 1UR. TEL: 01639 730481 FAX: 01639 730858

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

NATURE & COMPOSITION: Silica sands, grades of cement and cement modifiers, plasticisers and other cementitious compounds.

The lime, calcium silicates and alkalis within the cement are partially soluble and when mixed with water will give rise to a potentially hazardous alkaline solution.

## 3. HAZARDS IDENTIFICATION

Cement mortar and concrete mixes may until set cause both irritant, contact dermatitis due to alkalinity, abrasiveness of the materials or allergic contact dermatitis due to hexavalent chromium slats.

On the skin: may cause serious burns and ulceration

On the eyes: may cause serious irritation. The eyes are particularly vulnerable and damage with increase with contact time and chemical burns can develop without pain being felt at the time.

## 4. FIRST-AID MEASURES

INHALATION: Leave work area, change clothing.

SKIN: Remove contaminated clothing, wash skin with copious amounts of water. If irritation occurs - see medical advice.

EYES: Irrigate with clean water for at least 15 minutes, seek medical attention.

INGESTION: In the event of ingestion wash mouth with water and seek medical attention.

## 5. FIRE-FIGHTING MEASURES Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

Recover the spillage in a dry state if possible, Minimise generation of airborne dust.

## 7. HANDLING AND STORAGE

STORAGE PRECAUTIONS: Store in cool dry area

HANDLING: Low toxicity, dry and dusty, contains silica. Wear appropriate particulate mask, when wet will be alkaline and can cause an allergic dermatitic condition to some people.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED PROTECTIVE CLOTHING: Suitable respiratory protection should be worn to ensure that personal exposure is less than the Occupational exposure standard. Dust proof goggles/glasses, rubber gloves, overalls, barrier cream. should be worn

GENERAL PROTECTION AND HYGIENIC MEASURES: Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of work. Avoid contact with eyes and skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Free flowing powder

APPEARANCE: Grey granular

DENSITY @ 25°C: Packing density 1800 kg/m$^3$ approx.

ODOUR:

VAPOUR DENSITY (AIR = 1):

pH: between 10.5 & 13

VAPOUR PRESSURE @ 25°C: N/A

VISCOSITY @ 25°C: N/A

SOLUBLE IN WATER: Part

## 10. STABILITY AND REACTIVITY

Hazardous decomposition products: None. Conditions contributing to chemical instability: None

## 11. TOXICOLOGICAL INFORMATION

Low toxicity, dry and dusty, contains silica. Wear appropriate particulate mask, when wet will be alkaline and can cause an allergic dermatitic condition to some people.

ACUTE TOXICITY:

PRIMARY IRRITANT EFFECT:

ON THE SKIN: Avoid contact with wet material, wear appropriate clothing.

ON THE EYE: Severe eye irritant. Can lead to soreness and chemical burning. Wear appropriate mask and/or goggles

INHALATION: may cause inflammation of mucous membranes.

SENSITIZATION: sensitization possible by skin contact

## 12 ECOLOGICAL INFORMATION:

Aquatic Toxicity Rating LC50 aquatic toxicity rating not determined.

The addition of cements to water will, however, cause the pH to rise and may therefore be toxic to aquatic life in some circumstances.

## 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Wastes including emptied containers, are controlled wastes and should be disposed of in accordance with Local and National regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

## 14. TRANSPORT INFORMATION

Classification for conveyance - not required.

## 15. REGULATORY INFORMATION

Risk Phrases

Contact with wet product may cause irritation, dermatitis or burns.

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

There is a risk of serious damage to eyes.

Safety Phrases

Wear suitable protective clothing, gloves and eye/face protection.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

After contact with skin, wash immediately with plenty of clean water. Keep out of reach of children.

## 16. OTHER INFORMATION

Customers are urged to ensure that the product is entirely suitable for there own purpose. It is the customers responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

This information contained herein is based on our present knowledge however, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.