

<p>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY PRODUCT NAME AND CODE: CEMBOND GROUT - 3160 COMPANY-UNDERTAKING IDENTIFICATION - ROTAFIX HOUSE, ABERCRAF, SWANSEA, SA9 1UR. TEL: 01639 730481 FAX: 01639 730858</p>	<p>Component 1 of 2</p>
<p>2. COMPOSITION/INFORMATION ON INGREDIENTS Carboxylated styrene butadiene copolymer and wetting agents and anti-oxidants</p>	
<p>3. HAZARDS IDENTIFICATION Can be slightly irritating to the skin and eyes. Dispersions do not present any particular fire hazard.</p>	
<p>4. FIRST-AID MEASURES INHALATION: Should the odour cause discomfort, which is unlikely, move patient to fresh air. SKIN: Remove contaminated clothing, wash skin with copious amounts of water. EYES: Irrigate with clean water for several minutes with the eyelids fully open. Seek medical attention. INGESTION: In the event of ingestion, do not induce vomiting, seek medical attention.</p>	
<p>5. FIRE-FIGHTING MEASURES Suitable extinguishing media: Dry powder, foam, carbon dioxide or water spray Special exposure hazards: Can give off dense black smoke and hazardous combustion products.</p>	
<p>6. ACCIDENTAL RELEASE MEASURES Personal precautions: Wear protective clothing. Environmental precautions: Do not allow spillages to enter watercourses or streams. Methods for cleaning up: Soak up spillages on an absorbent material and place in a suitable container for disposal.</p>	
<p>7. HANDLING AND STORAGE STORAGE PRECAUTIONS: Store away from combustible materials, and protect from frost. HANDLING: Wear protective clothing and eye protection when handling dispersions.</p>	
<p>8. EXPOSURE CONTROLS/PERSONAL PROTECTION RECOMMENDED PROTECTIVE CLOTHING: Wear suitable waterproof clothing. PVC gloves and side protected goggles 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.</p>	
<p>9. PHYSICAL AND CHEMICAL PROPERTIES PHYSICAL STATE: Liquid DENSITY @ 25°C: 1.01 VAPOUR DENSITY (AIR = 1): VAPOUR PRESSURE @ 25°C: SOLUBLE IN WATER: 100%</p> <p style="margin-left: 200px;"> APPEARANCE: Dilute milk like ODOUR: Slight ammoniacal pH: between 10.5 & 13 VISCOSITY @ 25°C: 1.0</p>	
<p>10. STABILITY AND REACTIVITY Stability: Stable under normal conditions of use. Protect from frost. Materials to avoid: Strong oxidising agents and acids Hazardous decomposition products: None. Combustion can produce carbon monoxide and carbon dioxide.</p>	
<p>11. TOXICOLOGICAL INFORMATION ACUTE TOXICITY: PRIMARY IRRITANT EFFECT: ON THE SKIN: May cause irritation ON THE EYE: May cause irritation INHALATION: Unlikely to cause discomfort SENSITIZATION: May cause irritation to the digestive system. Sensitization possible by skin contact</p>	
<p>12. ECOLOGICAL INFORMATION: GENERAL NOTES: Should not be allowed to enter sewers and water courses.</p>	
<p>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.</p>	
<p>14. TRANSPORT INFORMATION Not classified as a hazardous material for transportation.</p>	
<p>15. REGULATORY INFORMATION No risk phrases. No safety phrases.</p>	
<p>16. OTHER INFORMATION Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's 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.</p>	

MATERIAL SAFETY DATA SHEET ACCORDING TO 93/112/EC CEMBOND

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	Component 2 of 2
PRODUCT NAME AND CODE: CEMBOND GROUT - 3160	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 2500 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 their own purpose. It is the customer's 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.	

