



MATERIAL SAFETY DATA SHEET

ONE PART FLEXIBLE WHITE

1. SUBSTANCE IDENTIFICATION

PRODUCT NAME: JOHNSON ONE PART FLEXIBLE WHITE
TILE & STONE ADHESIVE

PRODUCT DETAILS: A white cement based adhesive for ceramic and natural stone tiles.

SUPPLIER: NORCROS ADHESIVES
Harewood Street
Tunstall
Stoke-on-Trent
Staffordshire
ST6 5JZ

Tel: 44 (0) 1782 524140
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2. COMPOSITION AND COMPONENTS DATA

| NAME: CAS No: | EINECS Nr: | CLASSIFICATION | CONTENT |
|--------------------------|-------------------|-----------------------|----------------|
| CEMENT | | Xi R38, R41 | 30-60% |

COMPOSITION COMMENTS: Contains cement, non-hazardous fillers, inorganic and organic additives.

3. HAZARDS IDENTIFICATION

HAZARD IDENTIFICATION: Xi Irritant
R38 Irritating to skin, R41 Risk of serious damage to eyes.
Contains minimal trace quantities below 2ppm of Chromium VI - may produce an allergic reaction.

4. FIRST AID MEASURES

GENERAL INFORMATION: Product contains cement which produces an alkaline reaction when wet.
May cause skin irritation and/or caustic burns to mucous membranes.
Avoid contact with eyes and prolonged skin contact.

AFTER INHALATION: Move affected personnel into fresh air. If nose or airways become inflamed seek medical advice.

AFTER INGESTION: Wash out mouth with clean water. Do not induce vomiting. Drink plenty of water. If symptoms develop or persist seek medical attention.

AFTER CONTACT WITH SKIN: Wash affected area thoroughly with soap and water. If discomfort or irritation develops seek medical attention.

AFTER CONTACT WITH EYES: Make sure that any contact lenses are removed before rinsing opened eye using plenty of clean water for at least 15 minutes and seek medical attention.



5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product is non flammable. Use extinguisher appropriate for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IN SPILL: Wear suitable protective clothing - see section 8
Avoid material entering drains or water courses.

SPILL CLEAN UP METHODS: Remove powder by mechanical means, minimising the generation of airborne dust.

7. HANDLING AND STORAGE

HANDLING: Ensure good ventilation. Avoid skin and eye contact.
Avoid the generation of airborne dust.

STORAGE PRECAUTIONS: Store in dry, well ventilated areas at temperatures of 5-32 Centigrade

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| INGREDIENT NAME: | CAS No: | STD | LT EXP 8 Hrs |
|-------------------------|----------------|------------|---|
| PORTLAND CEMENT | 65997-185-D | WEL | 10 mg/m3 inhalable dust 4mg/m3 respirable dust |

(WEL = Workplace Exposure Limit)

PERSONAL PROTECTION: Avoid contact with eyes and skin by the use of safety goggles and waterproof gloves.

VENTILATION: Well ventilated area.

BREATHING EQUIPMENT: Suitable respiratory equipment required if there is thought to be a risk of exceeding the WEL.

GENERAL PROTECTION: Provide eyewash station. Wear appropriate clothing to prevent possible skin contact.

HYGIENIC WORK PRACTICES: Wash during breaks and at the end of the work.
Do not eat, drink or smoke while working with this material.
Remove any contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White powder

10. STABILITY AND REACTIVITY

STABILITY: Normally stable when stored correctly
No dangerous reactions or decomposition products known.

CONDITIONS TO AVOID: Avoid contact with acids.
Do not store in damp, wet or humid conditions

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Irritant for skin and mucous membranes
Risk of sensitisation/allergic reaction to Chromium VI
Strong irritant for eyes with risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No known effects.
Do not allow large quantities to reach the ground water, rivers, drainage and sewage systems. The addition of cement-based products to water will increase its pH which may be toxic to some forms of aquatic life.



13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: In accordance with local regulations.

CONTAMINATED PACKAGING: Empty bags or surplus product can be disposed of as building site or commercial waste.

14. TRANSPORT INFORMATION

TRANSPORT: Not classified as hazardous for transport regardless of method.

15. REGULATORY INFORMATION

LABELING: Classified and labelled in accordance with the Directives and Ordinance on Hazardous materials.

CODE LETTER AND HAZARD DESIGNATION: Xi Irritant

RISK PHRASES: R-38 Irritating to skin
R-41 Risk of serious damage to eyes.

SAFETY PHRASES: P-14 Contains minimal trace quantities below 2ppm of Chromium VI.
May produce an allergic reaction
S-2 Keep out of the reach of children
S-25 Avoid contact with eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-39 Wear eye/face protection.
S-46 If swallowed seek medical advice immediately and show this container or label
S-56 Dispose of this material and its container to hazardous or special waste collection point

This data sheet does not constitute a workplace risk assessment.

16. OTHER INFORMATION

REVISION COMMENTS:

REVISION DATE:

PRINTING DATE: Jul-05

RELEVANT R- PHRASES: R-38 Irritating to skin
R-41 Risk of serious damage to eyes.