



MATERIAL SAFETY DATA SHEET

SPEED FLEX POWDER

1. SUBSTANCE IDENTIFICATION

PRODUCT NAME: JOHNSON SPEED-FLEX
TILE AND STONE ADHESIVE

PRODUCT DETAILS: Powder component of a two part elastomeric adhesive for ceramic tiles and natural stone.

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

Tel: 44 (0) 1782 524 140
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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 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 attention.



5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Carbon dioxide, powder or water spray or alcohol resistant foam.
HAZARDOUS COMBUSTION PRODUCTS & EXPLOSION HAZARDS:	Carbon Monoxide (CO), Carbon Dioxide (CO ₂), Nitrogen Oxides and smoke are created by fire. Possibility of dust explosion in enclosed spaces due to ignition of particles suspended in air. Dense black smoke will be produced which will contain hazardous products of combustion.
PROTECTIVE MEASURES:	Wear breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IN SPILL:	Suitable protective clothing is essential - see section 8. Exclude all possible sources of ignition and provide ventilation to area. Evacuate all non-essential personnel. Avoid breathing dust. Avoid material entering drains.
SPILL CLEAN UP METHODS:	Dampen material with wet sawdust or sand before recovering for disposal to prevent the creation of dust clouds or static.

7. HANDLING AND STORAGE

HANDLING:	Ensure good ventilation. Avoid skin and eye contact.
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	65997-15-D	WEL	10 mg/m ³ total inhalable dust 4mg/m ³ respirable dust

(WEL = Workplace Exposure Limit)

PERSONAL PROTECTION:	Avoid contact with eyes and skin by the use of Protective gloves made of PVC and goggles which give complete protection to eyes. Wear protective clothing and PVC boots to prevent contact with the skin.
VENTILATION:	Well ventilated area
BREATHING EQUIPMENT:	Suitable respiratory equipment required.
GENERAL PROTECTION:	Provide eyewash station. Wear appropriate clothing to prevent possible skin contact.
HYGIENIC WORK PRACTICES:	Wash during breaks and at the end of work. Do not eat, drink or smoke while working with this material. Remove any contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Powder - grey or white
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10. STABILITY AND REACTIVITY

STABILITY:	Normally stable when stored correctly
CONDITIONS TO AVOID:	Do not store in damp or wet areas or areas of high humidity.
HAZARDOUS DECOMPOSITION PRODUCTS:	Smoke, carbon monoxide carbon dioxide and oxides of nitrogen may be produced in a fire.



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.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

LABELING: Classified and labeled 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 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.