

Product: **RAPID-FLEX****Code:** BDTRF**Date of Issue:** May 2007**Version:** 2**1. PREPARATION AND COMPANY IDENTIFICATION:****Preparation Trade Name:** **BOND IT RAPID-FLEX FLEXIBLE FLOOR TILE ADHESIVE****Supplier:** **Bond It****Address:** Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN. ENGLAND**Telephone:** (+44) 01422 315300**Emergency:** As Above**2. COMPOSITION/ INFORMATION ON INGREDIENTS:**

Powder is a mixture based on portland/high alumina cement siliceaceous and calcereous mineral fillers.

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
1305-62-0	Calcium Hydroxide	1-5%	Xi; R36/38
65997-15-1	Portland Cement	10-30%	Xi; R36/38, 41
60676-86-0	Respirable Silica	1-5%	Xn; R48/20

3. HAZARD IDENTIFICATION:

Irritating to skin. Risk of serious damage to eyes.

4. FIRST AID MEASURES:**Inhalation:** Remove person to fresh air. If discomfort persists seek medical advice.**Skin Contact:** Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.**Eye Contact:** Irrigate immediately with clean water for 15 minutes and obtain medical attention.**Ingestion:** Do not induce vomiting. Never make an unconscious person vomit or drink fluids. Rinse mouth thoroughly and get person to drink large volumes of water to dilute the swallowed chemical. Seek medical advice immediately.**5. FIRE FIGHTING MEASURES:****Suitable Extinguishing Media:** The material is not flammable. Use extinguishing media appropriate for surrounding fire.**6. ACCIDENTAL RELEASE MEASURES:****Precautions:** Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.**Spillage:** Shovel into dry containers. Cover and move containers. Flush area with water. Wear necessary protective equipment. Minimise dust formation.**7. HANDLING AND STORAGE:****Handling:** Avoid handling which leads to dust formation. Provide good ventilation.**Storage:** Store at moderate temperatures in dry, well ventilated area.**8. Exposure Controls:**

Occupational Exposure Limits EH40.

Portland Cement	OES	10mg/m ³
Calcium Hydroxide	OES	5mg/m ³
Respirable Silica	MEL	0.3mg/m ³
Nuisance Dust 8 hour	TWA	10mg/m ³ inhalable 4mg/m ³ respirable

Respiratory Protection: Provide adequate general and local exhaust ventilation. Respiratory protection must be used if air concentration exceeds acceptable level. Dust filter P2 (for fine dust).**Hand Protection:** For prolonged or repeated skin contact use either rubber or plastic gloves.

Skin Protection: Wear appropriate clothing to prevent repeated or prolonged skin contact. Wet cement burns are painless, prevention of contact with skin is vital.

Eye Protection: Wear dust resistant safety goggles where there is danger of eye contact. Do not eat, drink or smoke at work place. Wash hands before breaks and after finishing work. Promptly remove any contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Powder, dust	Odour/ taste:	None
Solubility (water & fat):	Insoluble in water	Colour:	Grey cementitious powder

10. STABILITY AND REACTIVITY: Stable under recommended handling and storage conditions. Avoid strong acids.

Fire or high temperatures create: Asphyxiating gases/ vapours/ fumes of Carbon dioxide (CO₂) and Carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION: Dust may irritate respiratory system and lungs. May cause discomfort if swallowed. Powder may irritate skin. Particles in eyes may cause irritation and smarting. Risk of serious eye damage. Cement contains chromium (VI) which may cause sensitisation in select individuals.

12. ECOLOGICAL INFORMATION: Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS: Recover and reclaim or recycle, if practical. Dispose of on site landfill area in accordance with local regulations.

14. TRANSPORT INFORMATION: No regulations apply for the transportation of this material. Not classified as hazardous for road, rail, sea or air transport.

15. REGULATORY INFORMATION:

R38	Irritating to skin
R41	Risk of serious damage to eyes.
S2	Keep out of reach of children.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39	Wear eye/face protection.
S46	If swallowed seek medical advice immediately and show this container label.
U3	Contact with wet cement may cause irritation, dermatitis or burns.
U4	Contact between cement powder and body fluids (e.e. sweat and eye fluid) may also cause irritation, dermatitis or burns.
U6	Contains chromium ((VI)). May produce an allergic reaction.



UK Environmental Listings: Rivers (Prevention of Pollution) Act 1961.

Control of Pollution (Special Waste Regulations) Act 1980.

EC Directives: System of specific information relating to Dangerous Preparations. 91\155.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regulations.

Approved Code of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply.

Label Information: EEC Symbol

16. OTHER INFORMATION: The Chromium (VI) reducing Agent in this product remains effective for 12 months from date of manufacture if stored correctly. After this time the product should not be used.

Safety data sheet available for professional user on request. The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information. This information is given in good faith, being based on the latest knowledge available to Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Bond It for further advice before the proposed application is undertaken.

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