

Material Safety Data Sheet

PS Cementitious Range



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

Product Name: PS CEMENTITIOUS RANGE

Use of substance/ preparation: Cementitious waterproofing screeds, grouts and renders.

Company name: David Ball Group Ltd, Wellington Way, Bourn Airfield, Cambridge CB23 2TQ.

Tel: 01954 780 687

2. HAZARDS IDENTIFICATION

Hazard designation:



Xi Irritant

Information pertaining to particular dangers for man and environment:

R 37/38 Irritating to respiratory system and skin.

R 41 Risk of serious damage to eyes.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

A blend of cement powders including calcium silicates, calcium aluminates, calcium carbonate, calcium sulphate, calcium aluminoferrite and microsilica with cellulose ethers, plastisizing agents and aggregates.

4. FIRST AID MEASURES

Eye contact: Rinse opened eye for several minutes under running water. Seek medical treatment.

Skin contact: Instantly wash with soap and water, rinse thoroughly.

Inhalation: Remove to fresh air. In severe cases seek medical attention.

Ingestion: There are no known adverse effects. Rinse out mouth with water (do not induce vomiting). Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Protective equipment: No special measures required.

Hazards during fire fighting: the products are not combustible.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent entry into drains and watercourses. Large spills of dry material should be removed by a vacuum system. Conditioned (dampened) material should be removed by mechanical means where possible and be recycled or disposed of in a licensed site.

7. HANDLING AND STORAGE

Handling: Avoid creating airborne dust wherever possible. Where dust is generated then engineering control measures should be considered (water sprays) to maintain the airborne dust concentration as low as is reasonably practical.

Storage: Store between +5° C and +35° C protected from frost, sunlight and moisture.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Limits: Total inhalable dust, 10mg/m³ 8 hour time weighted average.

Exposure Standards: Respirable dust, 4mg/m³ 8 hour time weighted average.

Respirable crystalline silica 0.1mg/m³ 8 hour time weighted average.

General protective 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 the work. Avoid contact with eyes and skin.

Personal protective equipment:

Breathing equipment: P3 dust mask or similar respirator rated for fine dust. In case of intensive or long exposure, use breathing apparatus that are independent of circulating air.

Protection of hands: Protective gloves. Suitable gloves for the handling of cementitious materials.

Eye protection: Eye protection recommended.

Body protection: Protective work clothing recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form: Grey powder

Colour: Grey

Odour: Odourless

Flash point: Not applicable

Particle density: 1.8 to 2.4

Bulk density: 1.2 to 1.7 g/cm

Alkalinity- pH: 9 to 12 when damp

Solubility in/ miscibility with water: less than 2%

Danger of explosion: Product is not explosive

Self inflammability: Product is not self-igniting

10. STABILITY AND REACTIVITY

Thermal decomposition/ conditions to be avoided: No decomposition if used according to specification.

Dangerous reactions: No dangerous reactions known.

Dangerous products of composition: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Primary irritant effect: On the skin- irritant for skin and mucous membranes

On the eye- strong irritant with the danger of severe eye injury.

Sensitization: No sensitizing effect known.

Additional toxicological information: Irritant.

12. ECOLOGICAL INFORMATION

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Bioaccumulation: No evidence for bioaccumulation.

13. DISPOSAL CONSIDERATIONS

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal of product and packaging should always comply with local and national regulations. Waste water containing product should be treated in a separation and biological treatment plant.

14. TRANSPORT INFORMATION

The product is not classed as dangerous for carriage.

15. REGULATORY INFORMATION

Labelling according to EU directive 1999/45/EC



Code letter and hazard designation of product:

Xi Irritant

Risk phrases: 37/38 Irritating to respiratory system and skin.

41 Risk of serious damage to eyes.

Safety phrases:

- 22 Do not breathe dust.
- 25 Avoid contact with eyes.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Information given in this Material Safety Data Sheet does not constitute the user's own workplace risk assessment.

16. OTHER INFORMATION

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use. This information does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.