

SAFETY DATA SHEET

KA Tanking Slurry – Grey 25kg

Prepared in accordance with UK REACH/GB CLP SDS format for use as supporting information for COSHH assessment.

Product Code: 139057 | **Product Type:** Cementitious waterproof coating |
Format: 25kg bag

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	KA Tanking Slurry – Grey
Product code	139057
Relevant identified use	Cementitious waterproof coating for masonry, concrete, render, ponds, swimming pool shells, potable-water tanks and radon-resistant layers.
Uses advised against	Use only as directed by the manufacturer. Do not use for applications outside the stated product instructions without technical approval.
Supplier	KA Building Products
Email	ryan@kabuildingproducts.co.uk
Telephone	+44 1209 891744

Pack size 25kg bag

SECTION 2: Hazards identification

Classification of the mixture: Cement-based powder. Contains cement which reacts with water to form an alkaline paste. Dust may cause irritation to the eyes, skin and respiratory tract. Wet slurry may cause skin irritation or burns after prolonged contact.

Signal word	Warning
Main hazards	Eye irritation, skin irritation and respiratory irritation from dust. Wet material is alkaline.

Likely routes of exposure	Eye contact, skin contact, inhalation of dust and accidental ingestion.
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Hazard statements: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Wet slurry is alkaline and may cause burns with prolonged contact.

Precautionary statements: Avoid breathing dust. Wear protective gloves, eye protection and suitable protective clothing. Use only in well-ventilated areas. Wash hands thoroughly after handling. If in eyes: rinse cautiously with water for several minutes and seek medical advice if irritation persists. If on skin: wash with plenty of water and remove contaminated clothing.

SECTION 3: Composition/information on ingredients

This product is a formulated cementitious mixture containing Portland cement, graded mineral fillers, crystalline waterproofing additives and performance polymers.

Component	Function	Hazard relevance
Portland cement	Hydraulic binder	Alkaline when wet; may irritate eyes, skin and respiratory tract.
Graded mineral fillers	Bulk filler and performance aggregate	Dust may cause mechanical irritation.
Crystalline waterproofing additives	Waterproofing performance additive	No additional hazards known at supplied concentration.
Performance polymers	Workability and adhesion modifier	No additional hazards known at supplied concentration.

SECTION 4: First aid measures

Eye contact: Rinse immediately and cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Do not allow wet material to dry on the skin. Seek medical advice if irritation, redness or discomfort continues.

Inhalation: Move the affected person to fresh air. Keep comfortable for breathing. Rinse mouth. Seek medical attention if breathing difficulty, coughing or irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting. Give water to drink if the person is conscious. Seek medical attention if symptoms occur or if large quantities are swallowed.

Most important symptoms and effects: Irritation of eyes, skin and respiratory tract. Prolonged skin contact with wet slurry may cause alkaline irritation or burns.

SECTION 5: Fire-fighting measures

The product is non-flammable. Use extinguishing media suitable for the surrounding fire. No special fire-fighting measures are required for the product itself. Fire-fighters should use protective equipment appropriate to the surrounding materials involved.

SECTION 6: Accidental release measures

Personal precautions: Avoid breathing dust and avoid contact with eyes and skin. Wear suitable gloves, eye protection and respiratory protection where dust may be generated.

Environmental precautions: Prevent large quantities from entering drains, surface water or watercourses.

Methods for cleaning up: Avoid creating airborne dust. Collect mechanically by sweeping carefully or using suitable industrial vacuum equipment. Place in suitable containers for reuse or disposal. Hardened material may be disposed of as construction waste in accordance with local regulations.

SECTION 7: Handling and storage

Precautions for safe handling: Avoid dust formation and avoid breathing dust. Wear gloves, eye protection and suitable protective clothing. Mix slowly to reduce dust and splashing. Do not eat, drink or smoke while handling. Wash hands after use.

Conditions for safe storage: Store in a cool, dry, well-ventilated place. Keep the bag sealed when not in use and protect from moisture, frost and physical damage. Shelf life: 12 months unopened when stored correctly.

SECTION 8: Exposure controls/personal protection

Engineering controls: Use in well-ventilated areas. Avoid generating dust during opening, pouring and mixing. Where dust cannot be adequately controlled, use suitable local extraction or respiratory protection.

Protection type	Recommended control
Eye/face protection	Safety glasses or goggles suitable for dust and splash protection.
Hand protection	Water-resistant protective gloves, such as nitrile or latex.
Respiratory protection	FFP2 dust mask or equivalent where dust may be generated or ventilation is inadequate.
Skin/body protection	Protective clothing and footwear suitable for cementitious materials.
Hygiene measures	Wash hands and exposed skin after use. Remove contaminated clothing and wash before reuse.

SECTION 9: Physical and chemical properties

Property	Value
Appearance	Grey powder
Odour	None or negligible
pH	Alkaline when mixed with water
Physical state	Powder supplied dry; forms slurry when mixed with water
Solubility	Reacts with water and hardens
Flammability	Non-flammable
VOC content	0%

SECTION 10: Stability and reactivity

Reactivity	Reacts with water to form an alkaline slurry which hardens.
Chemical stability	Stable under normal storage and handling conditions when kept dry.
Conditions to avoid	Moisture ingress, uncontrolled dust generation and contact with acids.
Incompatible materials	Acids and materials incompatible with alkaline cementitious products.
Hazardous decomposition products	No hazardous decomposition products expected under normal conditions of use.

SECTION 11: Toxicological information

Information on likely routes of exposure: Eye contact, skin contact and inhalation of dust are the most likely routes of exposure during handling and mixing.

Effect	Information
Eye contact	Dust or wet slurry may cause serious irritation.
Skin contact	May cause irritation. Prolonged contact with wet slurry may cause alkaline burns.
Inhalation	Dust may irritate the nose, throat and respiratory tract.
Ingestion	May cause irritation to the mouth, throat and digestive tract.
Chronic exposure	Repeated exposure to airborne dust should be avoided.

SECTION 12: Ecological information

The product is not expected to be hazardous to the environment when used and disposed of correctly. Avoid releasing large quantities of powder or wet slurry into drains, surface water or watercourses. Once cured, the material is expected to be inert.

SECTION 13: Disposal considerations

Dispose of contents and containers in accordance with local and national waste regulations. Do not discharge wet slurry into drains or surface water. Allow leftover slurry to harden before disposal where appropriate.

SECTION 14: Transport information

UN number	Not applicable
UN proper shipping name	Not regulated as dangerous goods
Transport hazard class	Not applicable
Packing group	Not applicable
Environmental hazards	Not classified as environmentally hazardous for transport
Special precautions	Keep dry and secure during transport.

SECTION 15: Regulatory information

This Safety Data Sheet is prepared for UK supply using the standard 16-section SDS format and is intended to support COSHH assessment by employers and professional users. The SDS provides hazard and handling information but does not replace a site-specific COSHH risk assessment. Product performance approvals and claims should be verified against current certificates and test documentation before publication or supply.

SECTION 16: Other information

Document status: Professional draft SDS for review. The information is based on the product details available at the date of preparation and is provided in good faith for safe handling, storage, use and disposal.

Important note: This SDS should be checked against the final formulation, supplier ingredient data, applicable workplace exposure limits, any required hazard classification, product labelling and current regulatory requirements before being issued externally.