MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

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TRADE NAME:	**ALCOLIN TILE GROUT**	Chemical abstract no.	Mixture
Chemical family	Cement based product	NIOSH no.	Unknown
Chemical name	Mixture	Hazchem code	Non-hazardous material
Synonyms	None	UN no.	Non-hazardous material

2. COMPOSITION / INFORMATION OF INGREDIENTS

Ingredient	CAS No.	Approx. (%)	Hazard Classification and Risk Phrases
Cements*	Unknown	25%	Xi, 41, 43

*Blend of cements, fillers, aggregates and low levels of performance modifiers

3. HAZARDS IDENTIFICATION

Main hazard:	Irritant
Health effects: Eyes	Irritant to eyes with a risk of serious damage
Health effects: Skin	Irritant to skin. May cause sensitisation and/or dermatitis
Health effects: Ingestion	Harmful if swallowed
Health effects: Inhalation	Irritant to mucosa passages and membranes

4. FIRST- AID MEASURES

Product in eyes	Remove any contact lenses from the eyes before rinsing thoroughly with plenty of water (lift eye lids). Rinse for at least 15 minutes. Seek medical attention
Product on skin	Wash skin with soap and water – do not use solvents! Seek medical attention if irritation persists
Product ingested	Never make an unconscious person vomit or drink fluids. Get the affected person to drink a lot of water in small gulps. Do not induce vomiting. Seek medical attention if discomfort continues
Product inhaled	Move to fresh air. If nose or airway blockage occurs, seek medical attention

5. FIRE-FIGHTING MEASURES

Cement based product – will not burn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Although product is powdered, surface may still be slippery
Environmental precautions	Avoid contamination of ground and water surfaces
Spills	Remove in a dry state if possible. Addition of water will eventually cause the product to set as a solid If product has been mixed with water, scrape off the ground preferably before setting has occurred. Place in a container suitable for disposal Wear protective clothing with eye/face protection. Wear a dust mask if airborne dust is present.

7. HANDLING AND STORAGE

Handling precautions	Wear appropriate hand and eye protection when handling product
Storage precautions	The usual precautions for handling chemicals should be observed Keep product in a sealed container/packaging at temperatures between 5 and 30°C. Minimize contact with atmosphere to prevent premature setting due to moisture in atmosphere

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits	None
Engineering controls	Provide good ventilation when handling large quantities. No special measures are required if stored and handled as above
Respiratory Protection	Dust mask if there is a risk of airborne dust
Hand Protection	Heavy duty rubber gloves should be used if there is a risk of direct contact onto skin
Eye Protection	Eye and face shield or safety glasses
Skin Protection	Observe the usual precautions when handling chemicals. Wear overalls and closed footwear
Other Protection	Wash hands at the end of each work shift and before eating

9. PHYSICAL PROPERTIES

- Appearance — Lump-free powder (various colours)
- Odour — None
- Explosive properties — None
- Oxidising properties — None

10. STABILITY AND REACTIVITY

Conditions to avoid	Do not mix with any other dried or wet product
Stability	Stable in normal application conditions. Refer to TDS for application guidelines Product alkalinity can exceed pH 12 when mixed with water

11. TOXICOLOGICAL INFORMATION

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed
When exposed, dust acts as a skin and respiratory system irritant. Long term exposure may lead to contact dermatitis.

12. ECOLOGICAL INFORMATION

Product is non toxic in small quantities. The resulting high pH when mixed with water, may endanger aquatic life.

13. DISPOSIBLE CONSIDERATIONS

Disposal methods	Whatever cannot be saved for recovery or recycling should be handled according to current local waste disposal legislation. Do not allow to enter drains or sewers. Do not allow to enter any body of water
Disposal of packaging	Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse or disposed of in approved facility in accordance with current local legislation

14. TRANSPORT REGULATIONS

UN no		Not regulated
Substance identity no.		Not regulated
Road / rail transport	ADR / RID	Not regulated
Marine Transport	IMDG	Not regulated
Inland waterways	ADNR	Not regulated
Air transport	IATA	Not regulated

15. REGULATORY INFORMATION

EEC hazard classification	Non-hazardous material
Risk phrases	n/a
Safety phrases	n/a
National legislation	n/a

16. OTHER INFORMATION

For intended use and applications see the Technical Date Sheet for the product. The information provided in this Material Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations

Risk Phrases	Xi	Irritant
	R41	Risk of serious damage to eyes
	R43	May cause sensitisation by skin contact