

STONEFIX

Wetherby Group of Companies
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Safety Data Sheet

1. Identification of the Substance / Preparation and Company / Undertaking

Product : STONEFIX BEDDING MORTAR
Expected use : Bedding of Paving
Synonyms : Bedding Mortar
Company name : Stonefix – Wetherby Group of Companies
Dalton Industrial Estate
Dalton
North Yorkshire
YO7 3HE
Tel : 01845 576514
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2 Composition / Information on Ingredients

A blend of hydraulic silicates, aluminates, mineral fillers, rheology controlling admixtures and polymers

Ingredient	CAS N°	% Composition	Classification / Symbol	R Phrases
Portland Cement	65997-15-1	20 – 50 %	Irritant 	R36/37/38
High Alumina Cement	65997-16-2	0 – 30%	Irritant 	R36/37/38
Calcium Hydroxide	1305-62-0	0 – 15%	Irritant 	R38, R41

3. Hazard Identification

Classification of Substance

Irritant



Description of Hazard

Contact with eyes : May cause irritation to the eyes
Contact with skin : May cause irritation to the skin
Inhalation : May cause irritation to the nose and mouth due to dust
Ingestion : May cause gastric irritation to some individuals
Cement when wet may cause burns therefore it is sensible to wear the appropriate protective clothing – see section 8.

Material Stonefix Bedding Mortar
Revision number 1
Document Reference SDS/025

Issue Date

1st July 2010

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4. First Aid Measures

Eye contact

Irrigate with clean running water for at least 15 minutes.
Seek medical advice if irritation persists.

Skin Contact

Wash off with copious amounts of water.
Seek medical attention if irritation persists.

Ingestion

Drink copious amounts of water.
If large amounts are ingested, seek medical attention.

Inhalation

Remove person to fresh air.
If recovery is not rapid, seek medical attention.

5. Fire Fighting Measures

Special Circumstances/Conditions : None
Exposure Hazards : No anticipated hazardous products of combustion
Personal Protective Equipment : Suitable protective clothing and gloves
Extinguishing Media: : CO₂, foam

6. Accidental Release Measures

Minor Releases

Personal Protection : Suitable protective clothing, gloves
Environmental Protection : Avoid contamination of water ways and cultivated areas.
Spill Control Guidance : Confine spill and sweep up or vacuum to avoid generating excessive dust.
Dispose of by landfill in accordance with local regulations.
Decontamination : Water spray

Major Releases

Personal Protection : Suitable protective clothing, gloves
Environmental Protection : Avoid contamination of water ways and cultivated areas.
Spill Control Guidance : Confine spill and sweep up or vacuum to avoid generating excessive dust.
Dispose of by landfill in accordance with local regulations.
Decontamination : Water spray

7. Handling and Storage

Handling : Handle in well ventilated areas using methods that minimise dust.
Dispose of waste by landfill in accordance with local regulations.
Avoid contamination of water ways and cultivated areas.
Storage : Store in unopened bags clear of the ground in cool, dry conditions, protect from excessive draughts.
Keep out of the reach of children.

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8. <u>Exposure Controls / Personal Protection</u>					
Exposure Limit Values					
Substance / Ingredient	OEL 8hr TWA		STEL		Comments
	ppm	mg/m³	ppm	mg/m³	
Total Inhalable Dust		10			
Respirable Dust		4			
Occupational Exposure Controls					
Respiratory	:	Wear appropriate dust mask to maintain exposure below the OEL.			
Hand	:	Wear gloves when handling product.			
Eye	:	Wear goggles when handling product.			
Skin	:	Wear work wear that prevents any powder or powder / water mixture contacting the skin.			
Environmental Exposure Controls	:	Avoid contamination of water ways and cultivated areas.			

9. <u>Physical and Chemical Properties</u>	
Appearance	: White or grey powder
Odour	: None
pH	: 12 – 14 when wet
Boiling Point	: Not applicable
Melting Point	: Not applicable
Flash Point	: Not applicable
Flammability Limits	: Not flammable
Oxidising Properties	: Not applicable
Vapour Pressure	: Not applicable
Bulk Density	: 1200 - 1600 kg/m ³
Specific Gravity	: Not applicable
Solubility	: <2%
Water	: Not applicable
Other	: Not applicable
Partition Coefficient	: Not applicable
Viscosity	: Not applicable
Vapour Density	: Not applicable
Evaporation Rate	: Not applicable

10. <u>Stability and Reactivity</u>	
Stability	: Stable
Conditions to avoid	: None
Materials to avoid	: Oxidising agents, strong acids
Hazardous decomposition	: None
Products	
Hazardous Polymerisation	: Not applicable

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11. Toxicological Data

Oral Toxicity	:	Product is of low oral toxicity
Dermal Toxicity	:	Product is of low dermal toxicity, although some irritation to skin may occur
Sensitisation/Irritation	:	Persistent skin contact with wet product may give rise to sensitisation, Irritant to eyes due to physical abrasion effects of powder and burning in wet condition
Carcinogenicity / Mutagenicity	:	Not known
Long Term Effects	:	Chronic effects – high repeated dosage above OEL may be linked to Rhinitis.

12. Ecological Information

Ecotoxicity	:	May be toxic to aquatic life, although not classified as a marine pollutant.
Mobility	:	Slightly soluble in water
Persistence and Degradability	:	Material is not biodegradable
Bioaccumulative Potential	:	Not known
Other Adverse Effects	:	Not known

13. Disposal Considerations

Descriptive

Dispose of this material to a landfill site, in accordance with local or national disposal regulations.
Dispose of empty bags to a landfill site, or incinerator in accordance with local or national disposal regulations.


14. Transport Data

Key Data

UN Number	:	Not required
Proper Shipping Name	:	
Class	:	
Packing Group	:	
Secondary Hazard	:	
ADR/RID	:	
IMDG	:	
EmS	:	
MFAG	:	
IATA	:	

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15. Regulatory Information

Classification	:	Irritant
Symbol	:	
R Phrases	:	R36/37/38 - Irritating to eyes, respiratory system and skin R34 - Causes burns when wet R41 - Risk of serious damage to eyes
S Phrases	:	S2 - Keep out of the reach of children S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
OEL	:	10 mg/m ³ Total Inhalable Dust 4 mg/m ³ Respirable Dust
UK Regulatory References	:	Health and Safety at Work Act 1974 Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHiP 3) Control of Substances Hazardous to Health Regulations 1994 EH40

16. Other Information

This data sheet complies with directives 1999/45/EC, 91/155/EEC, 2001/158/EC and 67/548/EEC as amended

This information has been compiled on the basis of our experience and to the best of our knowledge. It does not purport to be all inclusive and is only intended to be of assistance to the user. No responsibility for losses or damages may arise through the use of the product is therefore accepted.