

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

RENOVATING RENDER

Version: 1

Print date: 24.6.13

**1. Identification of Substance/Preparation and Company**

Product Name	Renovating Render
Company	Biokil Crown Ltd 7 Stadium Ind Park, Long Eaton Nottingham, NG10 2DD
Telephone	0115 946 0060
Fax	0115 946 9767
Emergency Telephone	07941233917

2. Composition / Information on ingredients

A blend of :	Calcium Carbonate CaCO ₃ :	> 50% by weight
	Portland Cement	< 50% by weight
	Calcium Hydroxide Ca(OH) ₂	< 10% by weight
	Polymer admixtures and Silicones	< 10% by weight
	May contain metal trace elements	

3. Hazards identification

CAUTION CONTAINS CEMENT: -HARMFUL IF SWALLOWED OR INHALED, MAY CAUSE BURNS TO SKIN AND EYES ON CONTACT WITH BODILY FLUIDS OR WATER, CAUSES IRRITATION TO RESPIRATORY TRACT

Risk Phrases

Inhalation	Harmful by inhalation	R20
Skin contact	Harmful in contact with skin	R21
Ingestion	Harmful if swallowed	R22
	Causes burns	R34
Eye contact	Risk of serious damage to eyes	R41
Chronic Exposure: -	May cause sensitisation by skin contact	R43

4. First aid measures

Inhalation difficulties.	Remove from source to fresh air. Get medical assistance for any breathing difficulties.
Ingestion	Do not induce vomiting, wash mouth, and give water to drink, seek medical advice.
Skin contact	Wash exposed area with soap and water, remove contaminated clothing and get medical advice if irritation occurs.
Eye contact	Wash immediately with copious quantities of clean water for at least 15 minutes and seek urgent medical attention

5. Fire fighting measures

Flammability	The substance is non-flammable and presents no fire hazard.
Explosion	Not considered to be an explosion hazard.

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Fire fighting media
fire.

Use most appropriate measure or media to extinguish surrounding

Combustion products
formed

When heated in excess of 580 °C some calcium oxide may be

6. Accidental release measures

Personal precautions
(See section 8)

Avoid contact with skin and eyes, keep dust levels to a minimum.

Environmental precautions
Keep the material dry if possible.

Contain the spillage prevent ingress into drains and watercourses.

For dry spills avoid actions that cause dust to become airborne. Spills should be swept or scooped up and containerised for disposal or reprocessing. Vacuuming may be used to reduce dust.

For wet spills (mixed material) allow the material to set if it presents no risk to watercourse or drains. Alternatively transfer to container and allow to set.

7. Handling and storage

Storage precautions Store in a dry environment where possible to minimise contact with moisture. Keep out of reach of children. Care should be taken to avoid the generation of dust.

Handling Precautions Use protective equipment (see section 8). Keep dust levels to a minimum. Ensure operation is conducted in accordance with current manual handling legislation.

8. Exposure controls / personal protection

Exposure limit values

OES 8 Hr TWA (Time Weighted Average)

10 mg m⁻³ inhalable dust
5 mg m⁻³ respirable dust



General

Avoid contact with skin and eyes, minimise generation of dust. Wear protective overalls and wash exposed skin and face after use. The use of barrier cream may also be considered.



Eye Protection

Tight fitting goggles or a full face shield are recommended. Access to emergency eye-wash is recommended



Hand Protection

Use impermeable gloves, as good practice wash hands after use

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Respiratory Protection

Use dust respirators compliant with EN 149 category FFP2 or better. Air stream helmets should be used for heavy or prolonged exposure.

Safety Phrases

Do not breathe dust,	S22	
Avoid contact with skin	S24	
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice		S26
After contact with skin, wash immediately with plenty of soap and water.	S28	
Wear suitable protective clothing	S36	
Wear suitable gloves	S37	
Wear eye / face protection	S39	
Keep out of reach of children	S2	

9. Physical and chemical properties

Appearance	Coloured granular powder blend.	Explosive properties	Not explosive
Particle size	5 µm to 8 mm	Flash point	n/a
Odour	Odourless.	Melting point	n/a
pH	12 to 14 when wet	Volatiles by volume	trace
Solubility	~0.1 to 1.0 g in 100 ml water.	Density (dry)	1.2 to 1.8 tonne m ⁻³

10. Stability and reactivity

Stability Stable under normal conditions of use and storage. Minimise exposure to moisture to prevent degradation

Decomposition When heated in excess of 580 °C calcium oxide may be formed
When heated in excess of 825 °C calcium oxide fumes and carbon dioxide are liberated.

Incompatibilities Acids, Fluorine, Magnesium & Hydrogen, Ammonium salts and Alum.

11. Toxicological information

No recorded information for LD50 / LC50 is available for normal occupational exposure.

Effects of exposure and routes of entry section 3

Exposure limits section 8

12. Ecological information

Environmental fate and toxicity: Toxic to aquatic life due to pH change. May cause long term damage to aquatic environment

Do not discharge material into natural waterways or drainage system.

13. Disposal considerations

Dispose of waste material and empty sacks at a site authorised to accept builders waste or according to local regulations.

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**14. Transport information**

Not classified as "Hazardous to Transport"

15. Regulatory information**Classification** Irritant**Risk Phrases**

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16. Other Information**Last revised** January 2009

This safety data sheet is supplementary to other technical instruction and data sheets and does not replace them.

This information is based on data currently available and is correct to the best of our knowledge at the time of publication. This information is given as guidance in assessing safe handling, storage, and use. Recipients of the product must take responsibility for the safe use and disposal of product observing existing laws and regulations.

Materials supplied by Biokil Crown. Ltd. contain naturally occurring product and as such, minor batch-to-batch variations are inevitable.