

Material Safety Data Sheet



Superbuild™ Render - Material Safety Data Sheet

1.0 - Product and Company Information

1.1 Supercoat™ Superbuild™ Render is a graded sand, White cement, high grade lime supplement, reinforcing fibre and additive, dry mixed product for use over most masonry substrates including Autoclaved Aerated Concrete. Supercoat™ Superbuild™ Render is designed as a high build, high strength reinforcement product over AAC substrates.

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2.0 - Composition/Information on Ingredients

Chemical Characterisation of the preparation:

Product Description

Sand, Aggregate, General Purpose Cement and additive blend for use in General Construction.

Components	CAS Number/Proportion	Risk Phases
Sand (Crystalline Silica)	40-80%	R48/20, Carc. Cat 1 R49
Portland Cement	15-40% 65997-15-1	R37/38, R41
Additives to enhance workability	0.5-5%	N/A

3.0 - Hazard Identification

HSNO Classification: Classified as Hazardous according to the criteria in the HS (Minimum degrees of Hazard) Regulations 2001.

Subclasses: Subclass 6.3 Category A – Substances that are irritating to the skin.

Subclass 6.7 Category A – Substances that are known or presumed carcinogens.

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Subclass 6.9 Category B – Substances that are harmful to human target organs or systems.

Subclass 8.3 Category A – Substances that are corrosive to ocular tissue.

4.0 - First Aid Measures

- 4.1 After contact with the eyes:
Immediately rinse eyes with running water for at least 15 minutes.
Seek medical attention immediately.
- 4.2 After contact with the skin:
If skin irritation occurs, wash the affected area with water.
Consult a doctor if the irritation remains.
- 4.3 After Inhalation:
Not expected to cause detrimental effects, but if inhalation occurs, remove the person from exposure, give artificial respiration if required. Seek medical attention immediately.

5.0 - Fire Fighting Measures

- 5.1 Product is not considered flammable.
Suitable Extinguishing Media: All Extinguishing Media
- 5.2 Special Fire Fighting Procedures:
Protective Clothing, goggles and self-contained breathing equipment should be available.
Evacuate area downwind of the fire.
- 5.3 Unusual Fire and Explosive Hazards:
Hazardous products of combustion: Oxides of carbon.

6.0 - Accidental Release Measures

- 6.1 Spills: Wear appropriate protective equipment and a particulate respirator when dust is present.

Large amounts: Do not allow the product to enter drains, sewers or water ways. Sweep up spills and contain.
- 6.2 Disposal: Dispose of waste at an approved waste disposal facility.

7.0 - Handling and Storage

- 7.1 Handling: Measures to prevent fire and explosion: No special measures required.
- 7.2 Storage: Do not contaminate drinking water, food or feed by storage or disposal.

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8.0 - Exposure Controls/Personal Protection

- 8.1 Ventilation: In processes where dust may be generated, proper ventilation must be provided in accordance with good ventilation practices.
- 8.2 Personal protective equipment:
Eye Protection: Safety Goggles.
Hand Protection: PVC Gloves.
Skin and body protection: Protective clothing, PVC apron and boots.
Respiratory protection: Approved particulate respirator for when dust may be generated.

9.0 - Physical and Chemical Properties

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| 9.1 | Form: | Solid |
| 9.2 | Colour: | Grey |
| 9.3 | Odour: | No Odour |
| 9.4 | Solids | 100% |
| 9.5 | Solubility in water: | 30-50% |
| 9.6 | pH: | 12.0 (approximately) |

10.0 - Stability and Reactivity

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|------|-----------------------------------|---|
| 10.1 | Stability: | Stable under normal operating conditions. |
| 10.2 | Materials to avoid: | Prevent contact with Oxidisers. |
| 10.3 | Hazardous decomposition Products: | Carbon oxides. |
| 10.4 | Dangerous reactions: | None. |

11.0 - Toxicological Information

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| 11.1 | Health Effects: | |
| | Swallowed: | May be harmful if swallowed. |
| | Eye: | May cause physical irritation to eye. |
| | Skin: | May cause a slight irritation. |
| | Inhaled: | May cause irritation if inhaled. |

12.0 - Ecological Information

Avoid losses to the environment.

13.0 - Disposal Considerations

Dispose of waste to an approved waste disposal facility.

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14.0 - Transport Regulations

Dispose of waste to an approved waste disposal facility

15.0 - Regulatory Information

R Phrases R37/38, R41, R48/20, R49

S Phrases S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water and soap.