Material Safety Data Sheet

AAC Superbond - Material Safety Data Sheet

1.0 - Product and Company Information

1.1 Supercoat™ AAC Superbond Adhesive is a graded sand, cement, Calcium Carbonate and additive, dry mixed product for use as a Structural Thin Bed Adhesive for Autoclaved Aerated Concrete substrates. Supercoat™ AAC Superbond is designed for use over Autoclaved Aerated Concrete Blocks & Panels. Supercoat™ AAC Superbond Adhesive bonds the Autoclaved Aerated Concrete together for use in commercial and residential applications.

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1.3 National Poisons Centre
0800 POISON - 0800 764 766
www.poisons.co.nz

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

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

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

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.

14.0 - Transport Regulations

Dispose of waste to an approved waste disposal facility

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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.