



# FRASER BROWN & STRATMORE LTD.

Products for Concrete and Construction

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## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

Product:

**AQUELLA**

Recommended Uses: Waterproof coating for mineral substrates.

#### Company Details (NZ Manufacturer)

Company: Fraser Brown & Stratmore Limited

Address: 185 Rata Street, Naenae, Lower Hutt

Contact Details: Ph: 0800 835 699, Fax: 0800 342 737

Emergency Contact: Poisons & Hazardous Chemicals: 0800 POISON / 0800 764766

### HAZARDS IDENTIFICATION

The primary exposure route for this product is through eye & skin contact or ingestion.



#### Hazard information:

Causes eye irritation. Wet material may cause skin irritation. Dust may cause respiratory tract irritation.

### COMPOSITION

Name	CAS Number	Exposure Limits
Mixture of mineral powders including cement	65997-15-1 (cement)	10mg dust/m <sup>3</sup>

### FIRST AID MEASURES

#### FIRST AID:

INHALATION

Not specific measures. Move to fresh air

SWALLOWED

Do not induce vomiting. Guard against aspiration into lungs. Get prompt medical attention. Material is not toxic. If victim is conscious and alert, give two glasses of water.

EYE CONTACT

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. In case of contact with wet material, pour clean water into eyes for at least 15 minutes and seek prompt medical attention.

SKIN CONTACT

If contact with wet material, wash with soap and water and remove contaminated clothing. Apply barrier cream and skin lotion to affected area.

If irritation occurs and persists, seek medical attention.

## FIRE FIGHTING MEASURES

FLASH POINT Not flammable

UNUSUAL OR EXPLOSIVE HAZARDS: None

### SPECIAL FIREFIGHTING PROCEDURES AND UNUSUAL FIRE AND EXPLOSION HAZARDS

None.

### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

### HAZARDOUS COMBUSTION PRODUCTS

None.

## ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN WHEN MATERIAL IS SPILLED OR RELEASED

In case of spill avoid breathing dust. If spill is small, sweep up powder into a suitable container. If spill is large, sweep or vacuum powder. Alternatively spray powder with a fine water spray and collect into suitable container.

### ENVIRONMENTAL INFORMATION

Material should be kept out of storm water and sewer drains.

## HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes. If eye contact occurs, immediately rinse with water per First Aid Measures. Wear rubber gloves if skin contact is likely.

### CONDITIONS FOR SAFE STORAGE

Keep out of reach of children.

Store in a cool location (15-25 degrees C).

Keep container tightly closed when not being used.

### MATERIALS TO AVOID

Mixture with strong acids and bases will cause rapid decomposition which may release CO or CO<sub>2</sub>

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE STANDARDS

TWA 10mg per cubic metre of airborne dust

### ENGINEERING CONTROLS

General ventilation is recommended to reduce dust build-up. Wear a dust mask if powder is released.

### PROTECTIVE GLOVES & CLOTHING

Wear gloves, impervious to chemicals, preferably long, for prolonged contact. Protective clothing is not required.

### EYE PROTECTION

Not necessary under normal use. If splashes are likely, wear eye goggles.

### OTHER PROTECTION

No special requirements.

## PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY (Air = 1)	NA
SOLUBILITY IN WATER	Miscible
FREEZING POINT	NA
SPECIFIC GRAVITY	1.2
PERCENT VOLATILES	None
APPEARANCE AND ODOUR	Odourless white powder.

## STABILITY AND REACTIVITY

### STABILITY

Stable.

### MATERIALS TO AVOID

Mixture with strong acids and bases will cause rapid decomposition which may release CO or CO<sub>2</sub>

### HAZARDOUS COMBUSTION PRODUCTS

Will not form hazardous decomposition products during normal storage or use.

### HAZARDOUS REACTIONS

Stable under normal use conditions.

## TOXICOLOGICAL INFORMATION

INGESTION	Can affect mucous membranes. Corrosive to throat and mouth when wet.
INHALATION	Dust is irritating to nose, throat and respiratory tract.
CONTACT	When mixed with water, AQUELLA is irritating and corrosive to the skin and eyes and may cause alkali burns and dermatitis. May cause irritation in dust form upon contact with eyes. Wear goggles when applying if splashes are likely.
CARCINOGENICITY	Not a carcinogen.
TOXICITY TO REPRODUCTION:	Does not impair fertility.
MUTAGENICITY	Not a mutagenic hazard.
CHRONIC HEALTH EFFECTS	Hypersensitive individuals may develop an allergic dermatitis.

## ECOLOGICAL INFORMATION

When mixed with water, AQUELLA will be alkali and therefore possible affect sensitive organisms.

OECD Biological degradation      Not expected to be biodegradable when mixed with water.

## DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD

Recover and recycle if possible.

Small amounts may be disposed of as common waste or returned to the container for reuse if not contaminated. Larger amounts may be dumped in landfill but be aware that local requirements may differ widely depending on location and may in many cases be different from national rules.

## TRANSPORT INFORMATION

UN NUMBER	FREE
HAZARD CLASS:	Non hazardous
NZ DANGEROUS GOOD CLASS & SUBSIDIARY RISK	Not applicable
PROPER SHIPPING NAME	Not applicable
POISON SCHEDULE	NA
PACKAGING GROUP	NA

## REGULATORY INFORMATION

HSNO Approval number:	Not regulated
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## OTHER INFORMATION

Date of Issue:	January 2009
Supersedes Date:	December 2004

### Legend



Warning

### IMPORTANT NOTICE:

The above recommendations are intended for the assistance of end users. They are based on our experience and judgement and data believed to be reliable but because the conditions under which, and the materials with which our products are used, are beyond our control our recommendations must not be regarded as amounting to legal warranty or as involving any liability on us.