



FRASER BROWN & STRATMORE LTD.

Products for Concrete and Construction

185 Rata Street, P O Box 35 136, Naenae, Lower Hutt, New Zealand.

INVINCIBLE

Telephone (64 4) 567 8436, Fax (64 4) 567 7232, Email fbs@fbsltd.co.nz, Web www.fbsltd.co.nz

MATERIAL SAFETY DATA SHEET

PRODUCT: BOND R

CHEMICAL FAMILY: ACRYLIC COPOLYMER

SECTION A	IDENTIFICATION	BOND R
UN NUMBER	NA	
HAZARD CLASS:	Non Hazardous	
NZ DANGEROUS GOOD CLASS	Not Regulated	
DOT HAZARD CLASS	—	
PROPER SHIPPING NAME:	Non Hazardous Goods	
PACKAGING GROUP	NA	

SECTION B	INGREDIENTS	BOND R
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Name	CAS Number	Content
Acrylic Polymer	—	49 – 51%
2,2,4-Trimethyl-1,3-Pentanediol Isobutyrate	25265774	<3

SECTION C	PHYSICAL DATA	BOND R
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VAPOR DENSITY (Air = 1)	>1
BOILING POINT IN DEGS C	~100°C
SPECIFIC GRAVITY	1.05
VISCOSITY	Liquid
SOLUBILITY IN WATER	Completely soluble
APPEARANCE AND ODOUR	Milky white liquid, sweet odour.

SECTION D	FIRE AND EXPLOSION DATA	BOND R
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FLASH POINT	NA
UNUSUAL OR EXPLOSIVE HAZARDS:	None

SPECIAL FIREFIGHTING PROCEDURES AND UNUSUAL FIRE AND EXPLOSION HAZARDS

None

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical or water.

ACUTE EFFECTS:

INGESTION	Must not be swallowed. Small quantities likely to cause temporary discomfort.
INHALATION	Excessive exposure to vapour or spray mists may cause irritation to throat and nose.
CONTACT	May cause skin irritation on prolonged or repeated exposure. Persons known to have a history of dermatitis or skin sensitisation should not work in direct contact with BOND R. May cause irritation or redness on contact with eyes. Wear goggles when handling.

FIRST AID:

INHALATION	Remove to fresh air if there are adverse reactions.
SWALLOWED	For large amounts, induce vomiting, drink plenty of water and seek medical attention immediately. For amounts less than 25ml, drink plenty of water and seek medical attention.
EYE CONTACT	Flush thoroughly with plenty of water. Seek medical attention if condition persists.
SKIN CONTACT	Wash with soap and water. Do not use solvents to clean skin. Use skin cleansers to remove dried emulsion.

EMERGENCY CONTACT NUMBER

Poisons & Hazardous Chemicals, urgent information only (03) 474 7000

STABILITY

Stable.

MATERIALS TO AVOID

None known.

HAZARDOUS COMBUSTION PRODUCTS

Under severe thermal degradation, low molecular weight organic compounds will be formed.

HAZARDOUS POLYMERIZATION

Will not occur.

STEPS TO BE TAKEN WHEN MATERIAL IS SPILLED OR RELEASED

In case of spill, wear protective equipment as described in section H. Avoid breathing vapour. Soak up liquid with an absorbent material such as sand, earth, sweeping compound or other absorbent material. Package absorbent material or solid product in suitable containers that are in good condition.

Thoroughly clean area where spill occurred. Do not allow material to enter drains, streams or rivers.

WASTE DISPOSAL METHOD

Dispose of in accordance with local rules. Be aware that local requirements may differ widely depending on location and may in many cases be different from national rules.

ENVIRONMENTAL INFORMATION

Not applicable.

VENTILATION

General ventilation is recommended. Avoid excessive inhalation of vapours, especially in confined spaces.

PROTECTIVE GLOVES & CLOTHING

Rubber gloves.

EYE PROTECTION

Safety glasses or goggles are recommended.

OTHER PROTECTION

NA

PRECAUTIONS FOR HANDLING AND STORING

Store in a cool location (15-25 degrees C) to prolong storage life. Prevent from freezing. Keep container tightly closed when not being used.

OTHER PRECAUTIONS

Wash hands after use. Do not smoke or eat while handling this product.

IMPORTANT NOTICE:

The above recommendations are intended for the assistance of users and are of a general nature. They are based on our experience and judgement 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.