



FRASER BROWN & STRATMORE LTD.

Products for Concrete and Construction

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MATERIAL SAFETY DATA SHEET

PRODUCT: FRACURE EMULSION

CHEMICAL FAMILY: Synthetic Resin Emulsion

SECTION A	IDENTIFICATION	FRACURE EMULSION
UN NUMBER	Non-hazardous	
NZ DANGEROUS GOOD CLASS	NA	
PROPER SHIPPING NAME	NA	
PACKAGING GROUP	III	
HAZCHEM	NA	

SECTION B	HAZARDOUS INGREDIENTS	FRACURE EMULSION
Name	CAS Number	Content
None	—	—

SECTION C	PHYSICAL DATA	FRACURE EMULSION
SOLUBILITY IN WATER	100%	
VAPOR DENSITY (Air = 1)	As per water	
BOILING POINT IN DEGS C	100	
SPECIFIC GRAVITY	1	
PERCENT VOLATILES	16% by volume	
VISCOSITY	Liquid	
APPEARANCE AND ODOUR	Milky blue/white liquid with sweetish odour.	

SECTION D	FIRE AND EXPLOSION DATA	FRACURE EMULSION
FLASH POINT	Not flammable	
UNUSUAL OR EXPLOSIVE HAZARDS:	None	

SPECIAL FIREFIGHTING PROCEDURES AND UNUSUAL FIRE AND EXPLOSION HAZARDS

Wear self-contained breathing apparatus to avoid inhalation of smoke or vapours.

EXTINGUISHING MEDIA

Water mist, Dry chemical, Foam, Carbon dioxide.

THRESHOLD LIMIT VALUE(S):

Acrylate monomers TWA = 10 – 100 ppm, 20-410 mg/m³:

Formaldehyde TWA = 1 PPM, 1.2 mg/m³; STEL 2 PPM, 2.5 mg/m³; oral (rat) LD50 = 800 mg/kg

Dibutyl Phthalate TWA = 5mg/m³.

EFFECTS OF OVER EXPOSURE:

Swallowed Must not be swallowed. Small quantities are unlikely to cause more than temporary discomfort.

Eye May cause slight irritation or redness. Wear eye protection to avoid splashes.

Skin May cause irritation or rash. Persons known to have history of dermatitis or skin sensitisation should not work in direct contact with FRACURE EMULSION.

Inhaled Toxic hazard is low. Spray must not be inhaled.

EMERGENCY AND FIRST AID PROCEDURES:

Swallowed For less than 25ml drink water (should only be temporary discomfort) and seek Medical attention.

For larger amounts induce vomiting, drink plenty of water, seek medical attention immediately.

Eye Wash eyes immediately with plenty of water for at least 15 minutes. Seek Medical attention.

Skin Wash off before dries with soap and water. Dried emulsion that cannot be washed off, remove with skin cleansers.

Do not use solvents to clean skin. Contaminated clothing must be removed to avoid irritation from the dried resin or emulsion.

Inhaled Discomfort due to the residual monomers etc. is unlikely to occur, but can easily be relieved by breathing fresh air.

EMERGENCY CONTACT NUMBER

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

STABILITY

Stable. Do not heat above 60°C.

MATERIALS TO AVOID

Unknown

HAZARDOUS COMBUSTION PRODUCTS

Under severe thermal degradation, low molecular weight hydrocarbons may be formed.

HAZARDOUS POLYMERIZATION

Will not occur.

STEPS TO BE TAKEN WHEN MATERIAL IS SPILLED OR RELEASED

Clean up with water before allowed to dry. Absorb with inert chemical spill absorbent material, earth, sand or sawdust. Place this material into a suitable container for disposal. Wash area with water. Do not wash emulsion or clean up material into public waterways.

Sodium Chloride or Calcium Chloride can be sprinkled onto the liquid spill that may coagulate the emulsion and facilitate cleaning with brush, sand and water. This method should limit liquid run off.

WASTE DISPOSAL METHOD

Incinerate or place in approved landfill in accordance with local and government codes, bylaws and regulations.

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.

SECTION H**SPECIAL PROTECTION INFORMATION****FRACURE EMULSION**

VENTILATION

Ensure good general ventilation at all times. Use exhaust blower to remove fumes if necessary.

PROTECTIVE GLOVES & CLOTHING

Protective clothing such as overalls should be worn. Wear Neoprene rubber gloves, impervious to chemicals, preferably long. Wear rubber boots. Remove and launder clothing soaked or soiled with this material before re-use.

EYE PROTECTION

Wear suitable goggles or face protection.

OTHER PROTECTION

Avoid prolonged or repeated inhalation of product vapours.

SECTION I**SPECIAL PRECAUTIONS****FRACURE EMULSION**

PRECAUTIONS FOR HANDLING AND STORING

Store in a cool location (10-25 degrees C) away from frost and direct sun. Keep container tightly closed when not being used. Store away from food and drink.

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 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.