



FRASER BROWN & STRATMORE LTD.

Products for Concrete and Construction

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MATERIAL SAFETY DATA SHEET

PRODUCT: EPAR EPOXY MORTAR/PASTE RESIN (grades 705, 802, EX & HPN)

CHEMICAL FAMILY: Liquid Epoxy Resin

SECTION A	IDENTIFICATION	EPAR EPOXY MORTAR RESIN
UN NUMBER		Not Classified
HAZARD CLASS:		Non Hazardous
NZ DANGEROUS GOOD CLASS		Not Regulated
PRIMARY COMPONENTS (CAS#)		EPOXY RESIN (25068-38-6) (All grades)
PROPER SHIPPING NAME		Not Applicable
SOLUBILITY IN WATER		Nil
PACKAGING GROUP		NA

SECTION B	HAZARDOUS INGREDIENTS (HEALTH)	EPAR EPOXY MORTAR RESIN	
Name	CAS Number	Content (by weight)	EPAR Grade
BISPHENOL F	28064-14-4	7 – 8%	EX
GLYCIDYLETHER	2210-79-9	7 – 12%	802/HPN

SECTION C	PHYSICAL DATA	EPAR EPOXY MORTAR RESIN
VAPOR DENSITY (Air = 1)		Not determined
BOILING POINT IN DEGS C		Not determined
SPECIFIC GRAVITY		~1.8 all grades.
VISCOSITY		Paste-like (802/HPN) Mortar (705/EX)
APPEARANCE AND ODOUR		White paste/mortar with slight odour

SECTION D	FIRE AND EXPLOSION DATA	EPAR EPOXY MORTAR RESIN
FLASH POINT		Not determined (very high)
UNUSUAL OR EXPLOSIVE HAZARDS:		None

SPECIAL FIREFIGHTING PROCEDURES AND UNUSUAL FIRE AND EXPLOSION HAZARDS

None

EXTINGUISHING MEDIA

Water spray, foam, dry powder, carbon dioxide, earth.

SECTION E	HEALTH HAZARD DATA	EPAR EPOXY MORTAR RESIN
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INGESTION Not expected to cause adverse health effects for small amounts.

INHALATION Not generally irritating.
Avoid breathing dust if this product (when mixed with hardener) is to be cut or sanded. Use adequate ventilation and/or protective equipment.

CONTACT Mild skin irritant with prolonged or repeated exposure. Eye irritant. May cause skin sensitisation.

FIRST AID:

INHALATION No specific measures. Remove to fresh air if necessary.

SWALLOWED **DO NOT** induce vomiting. In the unlikely event of ingestion, obtain medical attention immediately.

EYE CONTACT Immediately flush thoroughly with plenty of water for 15 minutes. Seek immediate medical attention.

SKIN CONTACT Remove contaminated clothing. Wash off with plenty of soap and water. Do not use solvents. Apply hand cream. If persistent irritation occurs, seek medical attention.

If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should not be allowed.

IN CASE OF FIRE USE EXTINGUISHING AGENTS RECOMMENDED.

EMERGENCY CONTACT NUMBER

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

SECTION F	REACTIVITY DATA	EPAR EPOXY MORTAR RESIN
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STABILITY

Stable. Excess heat results in charring & liberation of nauseous gas.

MATERIALS TO AVOID

Avoid uncontrolled reaction with epoxy hardeners.

HAZARDOUS COMBUSTION PRODUCTS

Not available

HAZARDOUS POLYMERIZATION

May occur – product polymerises exothermically with amines, mercaptans and Lewis acids at ambient temperatures and above.

SECTION G	SPILL OR LEAK PROCEDURES	EPAR EPOXY MORTAR RESIN
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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 in confined spaces. Scrape up excess material and package. Soak up residue with an absorbent material such as sand, earth, sweeping compound or other absorbent material. Package absorbent material or solid product in steel drums that are in good condition.

Thoroughly clean area where spill occurred. Do not allow material to enter drains or surface water.

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

Product is not readily biodegradable.

VENTILATION

Local exhaust is preferred to keep exposure limits low. Mechanical area wide ventilation is acceptable. If this product is to be used in an area of poor ventilation, a full or half facemask, with a filter suitable to provide protection from organic gases and vapours, should be worn.

PROTECTIVE GLOVES & CLOTHING

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

EYE PROTECTION

Not necessary under normal use.

OTHER PROTECTION

Use barrier cream on exposed areas of skin. In general, avoid prolonged or repeated skin contact, especially with paste-like epoxy resin (EPAR HPN and EPAR 802). If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should be avoided.

PRECAUTIONS FOR HANDLING AND STORING

Store in a cool location (15-25 degrees C) away from incompatible materials. Keep container tightly closed when not being used.

OTHER PRECAUTIONS

Avoid prolonged skin contact. Wash hands thoroughly after use with soap and water. Reapply barrier cream. 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 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.