

**PRODUCT: FOMOPLUS EXPANDING
POLYURETHANE FOAM**

MSDS No: 64002 ISSUE: 3 DATE OF ISSUE: 18/8/03 Page 1 of 4

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: FOMOPLUS Polyurethane Foam
Manufacturer's Product Code: FMPLG750
Other Names: None
Recommended Uses: Use with FOMO Applicator to seal and insulate gaps

Ramset Fasteners (Aust) Pty Limited ACN 004 297 009
A Division of ITW Construction Products
Maroondah Highway,
Mooroolbark. Victoria. Australia. 3136
Telephone: 03 9726 6222
Emergency Telephone Number: 03 9726 6222 (Monday to Friday. 8 am to 5 pm EST)

SECTION 2: HAZARDS IDENTIFICATION

- Classified as Hazardous according to criteria of NOHSC -

Risk Phrases

Extremely flammable
Irritating to eyes, respiratory system and skin
May cause sensitisation by inhalation

Safety Phrases

Avoid contact with skin and eyes
Avoid breathing vapour
Keep away from sparks, naked flame, static discharge and other sources of ignition. No smoking
Use in a well ventilated area

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion
diphenylmethane-4,4 -diisocyanate	101-68-8	10 - <30%
iso-butane	75-28-5	10 - <30%
Dimethyl ether	115-10-6	10 - <30%
Propane	74-98-6	10 - <30%
Ingredients not classified as hazardous		to 100 %

SECTION 4: FIRST AID MEASURES**Swallowed:**

Material hardens on contact with moisture. If swallowed call doctor or Poisons Information Centre 13 1126. Do NOT induce vomiting; give a glass of water to drink. Seek medical attention.

**PRODUCT: FOMOPLUS EXPANDING
POLYURETHANE FOAM**

MSDS No: 64002 ISSUE: 3 DATE OF ISSUE: 18/8/03 Page 2 of 4

Eye:

Flush with water for 15 minutes with eyelids held open. Seek immediate medical attention.

Skin:

Remove contaminated clothing. Acetone or nail polish remover will assist removal of the residue. DO NOT apply acetone or other solvent to eyes or other sensitive skin areas. Acetone will defat skin and may cause dermatitis in some individuals. Wash skin thoroughly with soap and water and apply skin moisturiser. Alternatively, allow foam to harden and remove from skin mechanically. Foam residue will come off skin gradually over a period of a few days. If irritation persists seek medical attention.

Inhaled:

Remove to fresh air. If symptoms persist seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray jet, dry powder, foam, carbon dioxide

Hazardous products of combustion

Oxides of carbon and nitrogen, hydrogen chloride, hydrogen cyanide and other poisonous fumes

Special protective precautions and equipment for firefighters

Wear self-contained breathing apparatus

Hazchem code

2Y

Contents under pressure. Cool containers with water spray to avoid rupture.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Emergency procedures**

Remove all potential sources of ignition. Ensure adequate ventilation.

Methods and materials for containment and clean up

Material will expand on release from container and harden in contact with atmospheric moisture. Hardening will progress from the surface inwards at a rate dependent on humidity and temperature. Contain with adsorbent material and scoop up with non-sparking tools. Foam will contain flammable propellant vapours even when cured.

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling**

Use only in well ventilated areas. No smoking. Keep away from potential sources of ignition such as naked flames, static discharges, sparks and hot surfaces

**PRODUCT: FOMOPLUS EXPANDING
POLYURETHANE FOAM**

MSDS No: 64002 ISSUE: 3 DATE OF ISSUE: 18/8/03 Page 3 of 4

Conditions for safe storage, including any incompatibilities

Pressurised containers may rupture when exposed to temperatures over 50°C. Store in a cool, dry place out of direct sunlight and less than 25°C. Keep away from sources of ignition. Store away from oxidising agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
National exposure standards

NOHSC:1003(1995)

Ingredient	CAS	TWA	STEL
diphenylmethane-4,4 –diisocyanate	101-68-8	0.02 mg / m ³	0.07 mg / m ³
iso-butane	75-28-5	None	None
Dimethyl ether	115-10-6	None	None
Propane*	74-98-6	None	None

*Note Propane is an asphyxiant, which displaces oxygen in confined spaces and / or very high concentrations

EC

Ingredient	CAS	OEL	
		8 hour	15 min
diphenylmethane-4,4 –diisocyanate	101-68-8	0.02 mg / m ³	0.07 mg / m ³
iso-butane	75-28-5	600 ppm	750 ppm
Dimethyl ether	115-10-6	400 ppm	500 ppm
Propane*	74-98-6	None	None

Engineering controls

General dilution ventilation to keep airborne contaminants below exposure levels

Personal protective equipment

Impervious gloves, eye goggles, overalls and protective footwear. In areas of low ventilation wear respiratory protection complying with AS1716.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown liquid turning beige on expansion

Odour: Solvent

pH: Not applicable

Vapour Pressure: No available

Boiling Point / Range: Not available

Freezing / Melting Point: Not applicable

Solubility in Water: Not soluble

Specific Gravity: 0.96 g / ml

Flashpoint and Method: -83°C (Iso-butane)

Flammability Limit: Not assessed

Explosive Limit: LEL 1.8% UEL 8.4% (Iso-butane)

Ignition Temperature: 460°C

**PRODUCT: FOMOPLUS EXPANDING
POLYURETHANE FOAM**

MSDS No: 64002 ISSUE: 3 DATE OF ISSUE: 18/8/03 Page 4 of 4

Other Properties:
None

SECTION 10: STABILITY AND REACTIVITY

Chemical stability:
Expands on contact with atmospheric moisture

Conditions to avoid:
Temperatures > 50°C

Incompatible materials:
Water

Hazardous decomposition products:
None

Hazardous reactions:
None

SECTION 11: TOXICOLOGICAL INFORMATION

No data

SECTION 12: ECOLOGICAL INFORMATION

No data

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal and local regulations. Do not incinerate or puncture can even when empty.

SECTION 14: TRANSPORT INFORMATION

UN Number: 1950
UN Proper Shipping Name: Aerosols
Class and subsidiary risk: 2.1
Packaging Group: Not applicable
Hazchem Code: 2Y

SECTION 15: REGULATORY INFORMATION

Poisons Schedule: S7
NICNAS Status: All ingredients are listed on the AICS

SECTION 16: OTHER INFORMATION

Contact point: Product Manager – Construction Chemicals
Phone: 03 9726 6222 (Monday to Friday, 8 am to 5 pm EST)