

FlexiTherm Australia Pty Ltd

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MATERIAL SAFETY DATA SHEET: MSDS

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Issued By: FlexiTherm Australia Issue 5 Date: 1.6.2018	Reviewed Date 1.6.2018
Product Name: Flexitherm Preform Thermoplastic (Hydrocarbon) Long life Thermoplastic	Next Review Date 1.6.2019

Not Classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company Name: FlexiTherm Australia Pty Ltd
Address: 15 Saltspray Close, Redhead NSW 2290 Australia
email: Greg@flexithermaus.com.au

IDENTIFICATION:

Product Name: Flexitherm Preform Thermoplastic
Other Names: Preform Thermoplastic Road Marking Material
Grades: Preform.
UN Number: Not Allocated
Hazchem: Not allocated
DG Class: Not allocated
Poisons Schedule: Not Allocated
Product Use: Long life road marking for lines, stop lines (intersections), car park lines and all other road Transverse markings.

Physical Data

Appearance: Preformed sheets in White, Black, Blue, Yellow, other specialist colours.
Softening Point: 18°C
Flash Point: N/A
Specific Gravity: 2.0
Flammability: N/A
Solubility in Water: Insoluble
Other Properties: Binder (pale yellow pellets) is soluble in solvents such as Toluene, Xylene and most Chlorinated Hydrocarbon.

Ingredients

Chemical Entity	CAS	Proportion
Binder (Hydrocarbon Resins)	64742-16-1	18.5%
Glass Beads	65997-17-3	21%
Plasticiser		3 – 5%
Titanium Dioxide	3463-67-7	5.1%
Inert Extenders	1317-65-3	45 – 55%
Quartz		10%
Luminance factor		85%

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HEALTH HAZARD INFORMATION

First Aid

Ingestion: **Preformed Sheets** – Should be avoided. If swallowed seek medical advice.

Eye: **Preformed Sheets –Fragment spitting-** flush eyes immediately with large quantity of cold sterile water to dissipate heat and contain injury. **DO NOT** attempt to remove any fused thermoplastic material. **Transport to hospital or doctor without delay.**

Skin Contact: **Preformed Sheets – (Only during burning in process)** - Immerse affected area in cold sterile water for at least 15 minutes to dissipate heat and contain injury. **Do not** attempt to remove any fused thermoplastic material from the skin. Seek medical attention.

Inhalation: **Preformed Sheets** - First aid **not** normally required for inhalation of fumes.

If necessary remove patient to fresh air, lay them down and keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. **Transport to hospital or doctor.**

First Aid Facilities: Cold water, Eye Bath, Then seek medical attention.

Advise to Doctor:

Advise to doctor: Thermoplastic Burn

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PRECAUTIONS FOR USE

Exposure limits: Heat stress.

Eng. Controls: Wear appropriate PPE. Use approved equipment.

Personal Protection

Respirator Type: Not generally needed.

Eye Protection: Use approved safety glasses at all times.

Hand & Feet

Protection: Wear industrial safety shoes/boots. Wear industrial heat resistant gloves with extended sleeves, gauntlet type.

Protective Clothing: Wear long sleeved flame retardant overalls, or long pants
And long sleeved shirt.

Materials Storage

Storage: Thermoplastic materials should be stored safely and securely in areas not subject to excessive heat or contamination from fuels, oils or greases. It should also be protected from rain and moisture. The presence of moisture in the material can cause, spitting in the Application (burning in process). Storage under optimal conditions Flexitherm Preform will last many years, And will not degrade or perish.

Transport: No other special precautions are required for transportation.

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Spills and Disposal

Spills & Disposal: Sweep up and dispose through normal disposal regulations for non-hazardous solid waste. In event of spillage in molten form, shut off source of spill, contain the spillage then allow cooling and solidifying before disposal.

OTHER INFORMATION

Ensure that all operators are fully conversant with equipment and manufacturers safety instructions for use. Maintain equipment in good working order. Ensure regulator gauges are accurate and calibrated regularly. Do not overheat materials. Avoid maintaining at working temperature for longer than necessary.

CONTACT POINT

Contact: For further information contact,

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