



"Creating a Safe Environment for All Road Users"

MATERIAL SAFETY DATA SHEET

Issued By:	Dura Products Industries Pty Ltd	Issue Date:	Jan 2016
Product Name:	DPI Dura Preformed Hotmelt Thermoplastic Pavement Marking Material		

NON HAZARDOUS & NON DANGEROUS GOODS
Not Classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company Name: Dura Products Industries Pty Ltd
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IDENTIFICATION:

Product Name: DPI Dura Preformed Thermoplastic Pavement Marking Materials
 Other Names: Preform Thermoplastic Road Marking / Line Marking Materials
 Grades: Preform
 UN Number: Not Allocated
 Hazchem: Not Allocated
 DG Class: Not Allocated
 Poisons Schedule: Not Allocated
 Product Use: Long life pavement marking for longitudinal and transverse lines/markings

Physical Data

Appearance: Preformed sheets in White, Black, Blue, Yellow and any required colours.
 Softening Point: 85°C
 Flash Point: 230°C
 Specific Gravity: 1.9~2.0
 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

Ingredients	Chemical Entity	CAS	Proportion
	Binder	68038-41-5	14 – 22%
	Glass Beads	65997-17-3	0 - 40%
	Plasticiser	N.A.	0 – 10%
	Titanium Dioxide	3463-67-7	0 – 15%
	Inert Extenders (Calcium Carbonate etc)	1317-65-3	35 – 70%



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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 and **Transport to hospital or doctor immediately.**

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

Advise to Doctor:

Advise to doctor: Thermoplastic Burn.

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.

SAFE HANDLING INFORMATION

Storage and Transport

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 foaming, spitting and expansion in the preheater.



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Transport: No other special precautions are required for transportation.
Use good handling practices when using material.

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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