



MSDS: DPI THERMO PRIMER

MATERIAL SAFETY DATA SHEET

Issued by DPI Australia Pty Ltd

Issued date May 2012

PRODUCT: DPI THERMO PRIMER

Classified as Hazardous according to criteria of Worksafe Australia.

Company Details

Company Name: DPI Australia Pty Ltd
Address: 59 Lincoln Street MINTO NSW 2566.
Tel/Fax: Tel: 02 9603 6699 Fax: 02 9603 6698 Email: dpiaustralia@hotmail.com

Identification

Product name: DPI Thermo Primer
Grade 11 Spray applied.
UN Number: 1866
Hazchem: 3(Y)E
DG Class: 3.2
Packing Group: 11
Product Use: DPI Primer is used as an intermediate coat between poor bituminous substrate / Concrete surfaces and Thermo Plastic.

Ingredients.

Chemical Entity	CAS	Proportions %
Toluene	108-88-3	70-85% mass
Resin (Synthetic Resins)	64742-16-1	15-30% Mass

Physical Data.

Appearance: slightly turbid syrupy solution.

All Data provided from this point onwards is as for the major component – Toluene.

Flash Point: 4C.
Specific Gravity: 0.87
Solubility in Water: negligible.
Soluble in most organic solvents.

Health Hazard Information.

Health Effects

Moderate eye and skin irritation, Prolonged, repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Respiratory irritation, dizziness, nausea, loss of consciousness

Acute – Indigestion: Slightly Toxic.
Acute – Eye: Moderate Irritant
Acute - Skin: Slightly Toxic and moderate irritant.
Acute – Inhalation: Practically non-toxic

Chronic: (refer to health effect above)

MATERIAL HAZARD COD (MHC)	Toxicity			Irritation	
	Oral	Dermal	Inhale	Eye	Skin
Mobil assigned codes 0-4 with 0 indicating lowest MHC classification (NA= Not Applicable, NE= Not Established, C= Corrosive) (*indicates estimated code based on testing of simular products and/or the components)	1*	1*	0*	2*	2*

First Aid

Inhalation

Using proper respiratory protection, immediately remove the affected person from exposure. Administer EAR if breathing is stopped. Keep at rest Call for prompt medical attention.

Skin Contact

Flush with copious amounts of water; use soap if available.
Remove grossly contaminated clothing, including shoes and launder before reuse

Eye Contact

Flush eyes with copious amounts of water until irritation subsides. If irritation persists seek medical attention.

Ingestion

If swallowed DO NOT induce vomiting. Keep at rest seel medical attention

Advise to Doctor Treat according to symptoms.

Precautions for use

Exposure Limits: 100.00 ppm
Note: Limits shown are for guidance only. Follow application regulations.
(Refer WORKSAFE Australia Exposure Standards)

Eng Controls: Use in well ventilated area. Ventilation may be required and equipment
MUST BE explosion proof. Use away from all ignition sources.

Personal Protection

Eye protection: Chemical goggles should be worn.
Skin Protection: Impervious gloves MUST be worn.
Inhalation: Approved respiratory protection MUST be used when vapour or mist
concentrations are unknown or exceed the Worksafe exposure Standards.

Flammability

Fire hazards: Highly Flammable. Lower explosive limit: 1.2%
Upper explosive Limit: 1.7%

Extinguishing Media: Foam, Dry Powder, CO2 and Water Fog.

Safe Handling Information

Spills and Disposal: Contain and absorb on fire retardant treated sawdust< diatomaceous earth,
etc. Scrape up and remove. Dispose of at an appropriately licensed waste
disposal site in accordance with local, State and federal regulations.
For large spills: Contain material and pump back to holding tank for later
disposal. Mix a compatible chemical which is less combustible and
incinerate in accordance with current Local, State and Federal Regulations

Fire Fighting Measures

Fire Fighting Procedures

Use water spray to cool fire exposed surfaces to protect personnel. Shut off “fuel” to fire. If a leak or spill has ignited, use water sprays to disperse the vapours to protect men attempting to stop leak.

Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam.

Special Fire precautions

Avoid spraying water directly into storage containers due to danger of boil over See also “First Aid” as well as “OTHER INFORMATION”

Physical and Chemical Hazards / Fire and Explosion hazards

Extreme hazard. Leaks of gas or spills or spills of liquid can readily form flammable mixtures at temperatures at or above the flash point.

Static Discharge. Product can accumulate static charges which can cause an incendiary electrical discharge.

Other Information

Reactivity Data: Stability (Thermal, Light, etc.) Stable

Conditions to avoid: Heat, Sparks, Flame, and build up of static electricity.

Incompatibility

(Materials to Avoid): Strong oxidisers, Hazardous Decomposition Products:

Carbon Monoxide. Hazardous

Polymerization: Will not occur

Toxicology

Acute

Inhalation: Vapour concentrations above recommended exposure levels may be irritating to the eyes and respiratory tract, may cause head aches and dizziness, could be anaesthetic and may have other central nervous system affects.

Negligible hazards at ambient temperature (-18-38 Deg C)

Skin Contact: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Occasional brief contact with the liquid will not result in significant skin discomfort unless evaporation is impeded.

Toluene has been shown to be slightly irritating but not sufficiently to trigger an EU Classification.

Eye Contact: Will cause eye discomfort, but will not injure eye tissue

Ingestion: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema.
Low order of toxicity

Additional Information on the use of material is available on request.

Contact Point

For further information contact:

Technical/ General Manager: DPI Australia Pty Ltd

Tel: + 61 2 9603 6699 Fax: +61 2 9603 6698 Email: dpiaustralia@hotmail.com

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