








SAFETY DATA SHEET

REFERENCE NUMBER:	206	ISSUE:	4	DATE:	July 2003
1. PRODUCT IDENTIFICATION:	TYREGRIP – B	Prismo Product Services 5 Drumhead Road Chorley North Industrial Park Chorley Lancashire PR6 7BX Tel: +44 (0) 1257 225100 Fax: +44 (0) 1257 224605			
2. COMPOSITION:	Modified amine hardener				
Component	%	Health (Class)	CAS No.	R Phrase	
Aromatic Process Oil	< 20%	T, N	64742-05-8	R45, R51/53	
Amine	20 – 30%	C	111-40-0	R21/22, R34, R43	
Cresol	20 – 25%	T, C	1319-77-3	R24/25, R34	
3.	HAZARD IDENTIFICATION:				
Toxic in contact with skin and if swallowed. Causes burns. May cause cancer. Category 2 carcinogen. Toxic to aquatic organisms may cause long term adverse effects in the aquatic environment					
4.	FIRST AID MEASURES:				
General:	In all cases of doubt, or where symptoms persist, seek medical attention.				
Eye Contact:	Rinse immediately with clean water for at least 15 minutes and get medical attention immediately.				
Skin Contact:	Wipe with absorbent paper disposable towels. Wash with plenty of soap and water – do not use organic solvents. In case of dermatitis or if irritation persists, get medical attention.				
Inhalation:	Move affected person to fresh air. In case of irritation to respiratory system or mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.				
Ingestion:	Immediately rinse the mouth with water. If swallowing has occurred drink water in small sips. Do not induce vomiting. Seek medical attention promptly.				
5.	FIRE FIGHTING MEASURES:				
Extinguisher Types Recommended:	Water mist, carbon dioxide, foam or dry powder.				
Special Precautions:	Do not use high pressure water jet. Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapours. Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations. Drums may explode if exposed to fire. Keep cool by spraying with water.				

N/A = Not Applicable NDA = No Data Available

Special Precautions:	Use full protective clothing and self contained breathing apparatus.				
6.	ACCIDENTAL RELEASE MEASURES:				
Avoid contact with skin, eyes and clothing. Wear suitable protective clothing. Open enclosed spaces to atmosphere.					
Prevent contamination of soil, drains and surface water.					
Take up with absorbent, inert material and place in suitable closable container for disposal.					
7.	HANDLING AND STORAGE:				
Recommended Storage Conditions:	Keep away from food and drink. Store in the original container securely closed in a cool, dry place. Keep containers closed. Do not smoke.				
Temperature:	Cool (less than 40 °C)				
Electrical Grounding:	-				
Storage Section of Area:	-				
Handling Precautions:	The usual precautions for handling chemicals should be observed. This material and its container must be disposed of in a safe way. Wear suitable protective clothing.				
Environmental Precautions:	Prevent contamination of soil, drains and surface water.				
Fire Prevention Measures:	-				
8.	EXPOSURE CONTROLS & PERSONAL PROTECTION:				
	    				
Respiratory protection:	Mask or Filter	<input checked="" type="checkbox"/>	Respirator	<input checked="" type="checkbox"/> Local exhaust ventilation.	
Hand Protection	Gloves	<input checked="" type="checkbox"/>	Type:	Chemical resistant.	
Eye Protection:	Safety Glasses	<input type="checkbox"/>	Goggles	<input checked="" type="checkbox"/> Face Shield <input checked="" type="checkbox"/> Chemical resistant.	
Skin Protection:	Apron	<input type="checkbox"/>	Protective Creams	<input type="checkbox"/> Overalls <input checked="" type="checkbox"/> Boots <input checked="" type="checkbox"/>	
(Kerodex 71 or Rozalex No 9)					
	<u>Ingredient Name</u>	<u>CAS No.</u>	<u>STD</u>	<u>LT Exp.</u> <u>(8 hrs)</u>	<u>ST Exp.</u> <u>(15 min)</u>
	Aromatic Process Oil	64742-05-8		5 mg/m ³	10 mg/m ³
	Amine	111-40-0		4.3 mg/m ³	
	Cresol	1319-77-3		22 mg/m ³	
Comments:	LT Exp. = Long Term Exposure Limits ST Exp. = Short Term Exposure Limits				
9.	PHYSICAL AND CHEMICAL PROPERTIES:				
Appearance/Form:	Amber/light brown liquid.				
Odour:	Characteristic, ammonical.				
Boiling Point:	> 190°C.				
Flash Point:	> 100°C.				
Volatility by Volume (%):	-				

Melting Point:	N/A
Decomposition Temperature of Pigment:	N/A
Auto Ignition Temperature:	N/A
Specific Gravity (at 25°C):	1.0 kg/l
Volatility:	N/A
Solubility/Miscibility in Water:	Insoluble.
pH Value:	N/A
Viscosity:	3000 cps @ 25°C.
10. STABILITY AND REACTIVITY:	
Stability:	-
Conditions to Avoid:	Do not leave containers open when not in use.
Materials to Avoid:	Acids, epoxy resin.
Thermal Decomposition:	> 200°C.
Hazardous Decomposition Products:	Thermal decomposition or burning may release carbon dioxide, carbon monoxide.
Hazardous Polymerisation:	-
11. TOXICOLOGICAL INFORMATION:	
Eye Contact:	Corrosive, causes burns, may cause sensitisation.
Skin Contact:	Causes burns. May cause sensitisation or more serious disorders including cancer.
Inhalation:	Irritant to respiratory tract.
Ingestion:	Corrosive, toxic.
Chronic Effects:	May cause cancer.
12. ECOLOGICAL INFORMATION:	
Do not allow to enter drains, rivers or watercourses. Likely to be harmful to fish and wildlife.	
LC ₅₀ Zebra Fish (96H):	NDA
LC ₅₀ Rainbow Trout (96H):	NDA
EC ₅₀ Daphni Magna (48H):	NDA
Biodegradability (Sturm Test):	NDA
Algae Inhibition Test:	NDA
13. DISPOSAL INFORMATION:	
Product is a special waste and should be disposed of by licensed contractor or in accordance with local regulations. Contaminated packaging materials should be disposed of identically to the product itself. Packaging materials that are not contaminated should be treated as household waste or as recycling material.	
<i>Dispose of in accordance with national and local regulations. Do <u>NOT</u> empty into drains.</i>	

14.

TRANSPORT INFORMATION:**Label for Conveyance:****Comments:**

Corrosive and toxic.

ROAD:**UN No:**

2922

Hazard Class (ADR):

-

ADR Class:

8 subsidiary 6.1

ADR Item No:

-

Hazard Ident No (ADR):

86

Marginal:

-

Hazchem Code:

-

Proper Shipping Name:

Corrosive liquid, Toxic, NOS (contains Cresol).

RAIL:**Rail Transport Class No:****Railroad PT:**

-

SEA:**UN No:**

2922

IMDG Class:

8 subsidiary 6.1

IMDG Page No:**Sea Pack GR:**

-

EmS No:

8-15

MFAG Table No:

-

Marine Pollutant:

Yes.

AIR:**UN Air No:**

2922

IATA/ICAO Class:

8 subsidiary 6.1

Air Pack GR:

-

15.

REGULATORY INFORMATION:

This data sheet was prepared in accordance with Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 [CHIPs], and Directives 91/155/EEC, 93/112/EC.

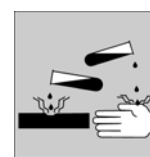
EC labelling as required by CHIP*.

Label for Supply:

TOXIC



DANGEROUS FOR THE ENVIRONMENT



CORROSIVE

Ingredients to be declared:

Cresol.

Risk Phrases:	R24/25 – Toxic in contact with skin and if swallowed. R34 – Causes burns. R45 – May cause cancer. R52/53 – Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment
Safety Phrases:	S1/2 - Keep locked up and out of the reach of children S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection. S45 – In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). S53 – Avoid exposure – obtain special instructions before use.
EC Directives:	-
Statutory Instruments:	Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
Approved Code of Practice:	-
Guidance Notes:	-

16.**OTHER INFORMATION:**

It would be helpful in the event of an accident if your employee carried this information at all times.

Tyregrip – B is used in conjunction with Tyregrip – A as a two-pack modified epoxy resin binder.

The provision of safety data sheets comes under Regulation 5 of CHIP*. This is in addition to the users of products supplied by Prismo Limited who should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health (COSHH). *CHIP is the recognised abbreviation for the Chemicals (Hazard Information and Packaging) Regulations 2002.

Information Sources:

The above data is provided for your information and your attention is drawn to the appropriate package labelling. Users of the product must ensure its proper use in accordance with good industrial practice, proper medical advice and any official or Government notices or publications. This information is furnished gratuitously independent of any sale or the product and does not form part of any contract for sale, nor does it constitute any representation, warranty or condition of merchantability or fitness for a particular purpose.

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