




SAFETY DATA SHEET

REFERENCE NUMBER:	136	ISSUE:	1	DATE:	June 2001
1. PRODUCT IDENTIFICATION:	CR BLACK		Prismo Traffic Products First Avenue Westfield Trading Estate Midsomer Norton Radstock BA3 4BS Tel: +44 (0) 1761 414824 Fax: +44 (0) 1761 419472		
2. COMPOSITION:	A mixture of resins, pigments, mineral extenders and organic solvents as required.				
<u>Component</u>	<u>%</u>	<u>Health (Class)</u>	<u>CAS No.</u>	<u>R Phrase</u>	
Toluene	10 – 30	Xn, F	108-88-3	20, 11	
Butanone	1 – 5	Xi	78-93-3	36, 66, 67	
Xylene, Mixture of Isomers	>2.5 & =<10	Xn, Xi	1330-20-7	20/21, 38, 10	
Ethylbenzene	>1 & =<2.5	Xn, F		10, 11	
3. HAZARD IDENTIFICATION:					
Harmful by inhalation and in contact with skin. Highly flammable.					
4. FIRST AID MEASURES:					
General:	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.				
Eye Contact:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.				
Skin Contact:	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water or use a proprietary skin cleanser. Do not use solvents or thinners. Get medical attention if irritation persists after washing.				
Inhalation:	Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Place in recovery position and get prompt medical attention.				
Ingestion:	DO NOT INDUCE VOMITING! Remove the victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!				
5. FIRE FIGHTING MEASURES:					
Extinguisher Types Recommended:	Fire can be extinguished using: Carbon dioxide, foam, dry chemicals, halogenated hydrocarbons, sand, dolomite, etc. Do not use water.				
Special Precautions:	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.				

N/A = Not Applicable NDA = No Data Available

Special Precautions (continued):	Fire will produce dense black smoke containing hazardous products of combustion. Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.			
6. ACCIDENTAL RELEASE MEASURES:				
Spill Cleanup Methods:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers. Do not allow to enter drains or watercourses. If it does the local water company should be contacted immediately, in case of contamination of streams, rivers or lakes, the National Rivers Authority. Clean preferably with a detergent, avoid use of solvents.			
7. HANDLING AND STORAGE:				
Recommended Storage Conditions:	Flammable/combustible – keep away from oxidisers, heat and flames. Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Store in accordance with the conditions of the licence which is necessary under the Petroleum (Consolidation) Act. See the HSE guidance note Storage of Flammable Liquids in Containers.			
Temperature:	Cool. Between 5°C and 25°C.			
Electrical Grounding:	Yes.			
Storage Section of Area:	Flammable liquid storage.			
Handling Precautions:	Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use explosion proof electric equipment. Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of explosive or flammable mixtures and avoid vapour concentrations higher than the OEL. Always keep in containers made of the same material as the supply container. The product may charge electrostatically. Use earthing leads when transferring from one container to another. Wear anti-static footwear and clothing, and floors should be electrically conductive.			
Environmental Precautions:	-			
Fire Prevention Measures:	-			
8. EXPOSURE CONTROLS & PERSONAL PROTECTION:				
				
Respiratory protection:	Mask or Filter	<input type="checkbox"/>	Respirator	<input checked="" type="checkbox"/>
Hand Protection	Gloves	<input checked="" type="checkbox"/>	Type:	
Eye Protection:	Safety Glasses	<input checked="" type="checkbox"/>	Goggles	<input checked="" type="checkbox"/>
			Face Shield	<input checked="" type="checkbox"/>
Skin Protection:	Apron	<input type="checkbox"/>	Protective Creams	<input checked="" 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>
Toluene	108-88-3	OES	50 ppm (Sk)	150 ppm (Sk)
Butanone	78-93-3	OES	200 ppm (Sk)	300 ppm (Sk)
Xylene, Mixture of Isomers	1330-20-7	Sk OES	100 ppm, 435 mg/m ³	150 ppm, 650 mg/m ³
Ethylbenzene		OES	100 ppm, 435 mg/m ³	125 ppm, 545 mg/m ³

Comments:	OES = Occupational Exposure Standard. LTEL = Long Term Exposure Limit – 8 hour time weighted average. STEL = Short Term Exposure Limit – 15 minute reference period. Notations = Sk – risk of absorption through skin.
9. PHYSICAL AND CHEMICAL PROPERTIES:	
Appearance/Form:	Black liquid.
Odour:	Solvent.
Boiling Point:	NDA
Flash Point:	≥ 0°C & < 21°C
Melting Point:	NDA
Decomposition Temperature of Pigment:	NDA
Auto Ignition Temperature:	NDA
Flammability Limit:	Upper: 12% Lower: 1.1%
Specific Gravity (at 25°C):	1.531 gms/cc
Volatility:	NDA
V.O.C. Content:	.549 Kgs/lit
Solubility/Miscibility in Water:	Immiscible.
pH Value:	NDA
Viscosity:	NDA
10. STABILITY AND REACTIVITY:	
Stability:	Normally stable.
Conditions to Avoid:	Avoid heat. Avoid contact with oxidisers or reducing agents.
Materials to Avoid:	Strongly alkaline or acid materials.
Hazardous Decomposition Products:	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO), Carbon Dioxide (CO ₂).
Hazardous Polymerisation:	-
11. TOXICOLOGICAL INFORMATION:	
Eye Contact:	Irritating to eyes.
Skin Contact:	Irritating to skin. Product has a defatting effect on skin.
Inhalation:	May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches.
Ingestion:	May cause discomfort.
Chronic Effects:	-

12. ECOLOGICAL INFORMATION:

Environmental hazards – no data on possible environmental effects have been found.

13. DISPOSAL INFORMATION:

Dispose of in accordance with Local Authority requirements. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

Dispose of in accordance with national and local regulations. Do NOT empty into drains.

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

-

ROAD:**UN No:**

1263

Hazard Class (ADR):

Class 3: Flammable Liquids

ADR Class No:

3

ADR Item No:

5(b)

Hazard No (ADR):

33

Marginal:

2301

ARD Label No:

3

Hazchem Code:

3YE

CEFIC TEC(R) No:

30G30

Proper Shipping Name I:

PAINT or PAINT RELATED MATERIAL

RAIL:**Rail Transport Class No:**

5b

Railroad PT:

3b

SEA:**UN Sea No:**

1263

Sea Transport Class No:

3.2

IMDG Page No:

3268

Sea Pack GR:

II

EmS No:

3-05

MFAG Table No:

310, 313

Marine Pollutant:

No.

AIR:**UN Air No:**

1263

Air Transport Class No:

3

Air Pack GR:

II

15. REGULATORY INFORMATION:

This data sheet was prepared in accordance with Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 [CHIPS II], and Directives 91/155/EEC, 93/112/EC.

Label for Supply:

HIGHLY FLAMMABLE



HARMFUL

Ingredients to be declared:	Toluene.
Risk Phrases:	R11 – Highly flammable. R20/21 – Harmful by inhalation and in contact with skin. R38 – Irritating to skin.
Safety Phrases:	S2 – Keep out of the reach of children. S9 – Keep container in a well-ventilated place. S16 – Keep away from sources of ignition – No smoking. S36/S37 – Wear suitable protective clothing and gloves. S51 – Use only in well ventilated areas. S60 – This material and its container must be disposed of as hazardous waste. S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
EC Directives:	System of specific information relating to Dangerous Preparations. 91/155.
Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health. The Manual Handling Operations Regulations. Storage of Flammable Liquids in Containers. Storage of Packaged Dangerous Substances. The Environmental Protection (Duty of Care) Regulations.
Approved Code of Practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).
16.	<i>OTHER INFORMATION:</i>
<i>It would be helpful in the event of an accident if your employee carried this information at all times.</i>	
Information Sources:	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
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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