

Prismo Traffic Products

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Safety Data Sheet

Reference Number:

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1. PRODUCT IDENTIFICATION

CR PREMIUM LINE PAINT WHITE

APPLICATION: Intended for use as a solvent-borne, line marking paint.

2. COMPOSITION

NAME	EC NO.	CAS-NO.	CONTENT	CLASSIFICATION
Calcium Carbonate		1317-65-3	30-60%	-
Toluene	203-625-9	108-88-3	10-30%	F; R11 Repr. Cat. 3; R63; Xn; R48/20, R65 Xi; R38 R67
Xylene	215-535-7	1330-20-7	1-5%	R10 Xn; R20/21 Xi; R38
Tetrachloromethane	200-262-8	56-23-5	<1%	Carc3; R40 T; R23/24/25, R48/23 N; R59 R52/53
Iso-Butanol	201-148-0	78-83-1	<1%	R10 Xi; R37/38, R41 R67

The Full Text for all R-Phrases are displayed in Section 16.

3. HAZARD IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. Possible risk of harm to the unborn child. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

CLASSIFICATION XN; R48/20. Rep 3; R63. XiR38. F; R11. R67

ENVIRONMENT The product is not expected to be hazardous to the environment.

PHYSICAL & CHEMICAL HAZARDS The product is highly flammable and explosive vapours/air mixtures may be formed even at normal room temperatures.

HUMAN HEALTH In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Risk of serious damage to eyes. Vapours/aerosol spray may irritate the respiratory system. Repeated exposure may cause skin dryness or cracking

4. FIRST AID MEASURES

GENERAL INFORMATION

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION

Place unconscious person on the side in the recovery position and ensure breathing. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.

SKIN CONTACT

Use appropriate hand lotion to prevent defatting and cracking of skin. Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

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. Get medical attention promptly if symptoms occur after washing.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. 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.

UNUSAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Vapours are heavier than air and may spread near ground to sources of ignition.

STORAGE PRECAUTIONS

Flammable/combustible – Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Avoid contact with oxidising agents.

STORAGE CLASS

Flammable liquid storage.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

NAME	STD	LT-PPM	LT-MG/M ³	ST-PPM	ST-MG/M ³
Toluene	WEL	50 ppm(Sk)	191 mg/m ³ (Sk)	150 ppm(Sk)	574 mg/m ³ (Sk)
Xylene	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (Sk)
Tetrachloromethane	WEL	2 ppm(Sk)	13 mg/m ³ (Sk)		
Iso-Butanol	WEL	50 ppm	154 mg/m ³ (Sk)	75 ppm	231 mg/m ³ (Sk)
Calcium Carbonate			10 mg/m ³		

Ingredient Comments WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded. All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Neoprene. Nitrile. Rubber (natural, latex)

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Liquid
Colour	White
Odour	Characteristic Aromatic Hydrocarbons
Solubility	Slightly soluble in water
Relative Density	1.5
Vapour Density (air=1)	Heavier than air
Flash Point (°C)	4 CC (Closed Cup)
Flammability Limit – Upper (%)	12.0
Flammability Limit – Lower (%)	0.8

10. STABILITY & REACTIVITY

STABILITY

No particular stability concerns.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11. TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Gas or vapour is harmful on prolonged exposure or in high concentrations.

INGESTION

Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin and eczema. Irritating to skin. May be absorbed through the skin.

EYE CONTACT

Irritation of eyes and mucous membranes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be hazardous to the environment.

13. DISPOSAL INFORMATION

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Absorb in vermiculite or dry sand, dispose in licensed special waste.

14. TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	Paint or Paint related material		
UN NO ROAD	1263	UK ROAD PACK GR	II
ADR CLASS NO	3	ADR CLASS	Class 3: Flammable Liquids
ADR PACK GROUP	II	HAZARD NO (ADR)	33
ADR LABEL NO	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO	30GF1-I+II, 30GF1-sp	RID CLASS NO	3
RID PACK GROUP	II	UN NO SEA	1263
IMDG CLASS	3	IMDG PAGE NO	3
IMDG PACK GR	II	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No
UN NO AIR	1263	AIR CLASS	3
AIR PACK GR	II		

15. REGULATORY INFORMATION



Contains Toluene

RISK PHRASES R11 Highly Flammable
R38 Irritating to skin

- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation
- R63 Possible risk of harm to the unborn child
- R67 Vapours may cause drowsiness and dizziness

- SAFETY PHRASES**
- S9 Keep container in a well-ventilated place
 - S16 Keep away from sources of ignition – No Smoking
 - S24 Avoid contact with skin
 - S36/37 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

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC. Dangerous Preparations Directive 1999/45/EEC

APPROVED CODE OF PRACTICE

Safety data sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

NATIONAL REGULATIONS

The chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40).

16. OTHER INFORMATION

INFORMATION SOURCES

Croner's Emergency Spillage Guide
 Croner's Emergency First Aid Guide
 Croner's Substances Hazardous to Health

RISK PHRASES

- NC Not Classified
- R10 Flammable
- R11 Highly Flammable
- R20/21 Harmful by inhalation and in contact with skin
- R23/24/25 Toxic by inhalation, in contact with skin and if swallowed
- R37/38 Irritating to respiratory system and skin
- R38 Irritating to skin
- R40 Limited evidence of a carcinogenic effect
- R41 Risk of serious damage to eyes
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation
- R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R59 Dangerous for the ozone layer
- R63 Possible risk of harm to the unborn child
- R65 Harmful: may cause lung damage if swallowed
- R67 Vapours may cause drowsiness and dizziness

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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