

Safety Data Sheet

Reference Number:

Issue:

Date: February 2012

1. PRODUCT IDENTIFICATION

Product Description: WATERBASED EP PAINT
Lead Free Fast Dry Traffic Paint – APPLIES TO ALL COLOURS

Trade Name: Ennis Paint

CAS Number: N/A – Mixture

2. HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	WEIGHT %	Exposure Limits		VP mm HG
			ACGIH/TLV	OSHA/PEL	
Methanol	67-56-1	2.5 MAX STEL =	200 ppm	200 ppm 250 ppm	97.7 @ 68F

3. HAZARD IDENTIFICATION

PHYSICAL AND CHEMICAL HAZARDS None.

HUMAN HEALTH Vapours may cause drowsiness and dizziness. Irritating to skin.

ENVIRONMENT None.

4. FIRST AID MEASURES

FIRST AID

- **Eyes:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.
- **Skin:** Wash exposed areas with soap and water. Remove contaminated clothing. If irritation occurs, get medical attention.
- **Inhalation:** move victim away from source of exposure and into fresh air. If symptoms of exposure develop, get medical attention.

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.

5. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS	FLASHPOINT	TCC LEL	UEL
Not Flammable	ASTM D 3278: > 201°F ASTM D 93: > 201°F	N/A	N/A

EXTINGUISHING MEDIA

- None

SPECIAL FIREFIGHTING PROCEDURES

- None

UNUSUAL FIRE & EXPLOSION HAZARDS

- Keep containers tightly closed
- Isolate from heat, sparks and open flame
- Closed containers may explode when exposed to extreme heat.
- This material will not burn until the water has evaporated. Dried residue can burn.
- In a test "evaluation of the fire hazard of water-borne coatings" (factory mutual research corporation scientific circular 804 December 1977), four water-borne coating "presented no [Fire] hazard".

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- Collect in a retaining area or closed container if possible, avoid excess dilution with water.
- Material may be contained with an absorbent material then transferred to an appropriate container.
- Avoid exposure to heat, sparks, fire or open flame.
- Avoid hot metal surfaces.

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.

7. STORAGE

PRECAUTIONS TO BE TAKEN IN STORING:

- Protect from freezing. Store between 4°C and 35°C.

8. EXPOSURE AND PERSONAL PROTECTION

RESPIRATORY PROTECTION:

- Wear appropriate, properly fitted respirator (NIOSH/MSHA approved) during spraying application to protect against overspray.

VENTILATION:

- Adequate ventilation is necessary when spraying or mixing and exhaust with proper airflow is always recommended.
- Avoid any direct inhalation of spray mist if this product is sprayed.

PROTECTION GLOVES:

- Recommended

EYE PROTECTION:

- Close fitting safety goggles.

OTHER PROTECTIVE EQUIPMENT:

- May adhere to skin – gloves, long sleeves, hats and face shields are recommended.
- Protective creams may help, but are not as protective as gloves etc.
- Train and educate employees in the safe use of the product.

OVER EXPOSURE

- Skin absorption may potentially contribute to the overall exposure of methanol. Appropriate measures should be taken to prevent absorption so that the TLV is always met.
- NIOSH recommends a limit of 200ppm, 8-hour TWA; 800ppm 15 – minute ceiling for methanol.
- Overexposure to methanol (or its components) has been suggested as a cause of eye damage in humans.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range:	147-477°F	Vapour Density:	Heavier than Air
Evaporation Rate:	0.45 x n-Butyl Acetate	Liquid Density:	1.5 – 1.7 kg/l @ 20°C
Appearance:	Heavy Liquid	V.O.C:	<150 g/l / 1.3 lbs/gal
Volatiles:	VOL % 38-40%		Wgt %20-25%

10. STABILITY AND REACTIVITY

STABILITY:Stable
HAZARDOUS POLYMERISATION:Will not occur
INCOMPATIBILITY:N/A
CONDITIONS TO AVOID:N/A
HAZARDOUS DECOMPOSITION PRODUCTS:CO, CO₂

11. TOXOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

- Severe eye irritation.
- Headaches, dizziness and/or nausea. Skin contact may cause irritation or rash.
- Skin absorption may potentially contribute to the overall exposure of methanol. Appropriate measures should be taken to prevent absorption so that the TLV is always met.
- NIOSH recommends a limit of 200ppm, 8-hour TWA; 800ppm 15 – minute ceiling for methanol.
- Overexposure to methanol (or its components) has been suggested as a cause of eye damage in humans.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Fish: Fathead Minnow: 96 HR; LC50 = >750 mg/l
Other: No other information is available

13. DISPOSAL INFORMATION

WASTE DISPOSAL METHOD:

- Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority.
- Avoid discharge into natural waters.

14. TRANSPORT INFORMATION

This product is not classified as dangerous for carriage according to international transport regulations.

15. ADDITIONAL REGULATORY INFORMATION

This product is not regulated by D.O.T. when shipped domestically by land.

Sara Title III section 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right to know act of 1986 and of 40 CFR 372:

CAS #	CHEMICAL NAME	PERCENT BY WEIGHT
67-56-1	Methanol	2.5 max

TSCA-U.S. TOXIC SUBSTANCES CONTROL ACT:

All components of this mixture are in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

16. OTHER INFORMATION

The information offered herein is, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, express or implied, since the conditions of use are beyond our control. Ennis Prismo shall not be liable for any injury, loss or damage, direct or consequential, arising from the use of the inability to use the product described herein. No person is authorised to make any statement or recommendation not contained in the material data sheet, and any such statement or recommendation, if made shall not bind the corporation.

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