

COMPANY: ÚÜQ ÒÚCÔÁP ÖWÙVÜÖSÄSVÖÁÁ
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 EMERGENCY TELEPHONE: È ÈÈÁĬ Ā Ĭ GÁÚ|ã ^] æÈÁ æ ÁĬ Á]{ ÉÁ [} ÁĬ ÁÖĬÁ
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MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name Turf Marking Paint White
Trade Names
Other Names Aerosol Paints, Spray Can Paint
Primepac Code 8480

Use and method of Application:

AEROSOL SPRAY FOR LINE MARKING TURF AT SPORTS GROUNDS, PARKS, GOLF COURSES ETC. TURF MARKER DOES NOT KILL THE GRASS AS OTHER LINE MARKING PAINTS DO. THIS ALLOWS GROUNDS TO BE MARKED FOR DIFFERENT GAMES WITHOUT PERMANENT MARKING. THE MARKS ARE EASILY REMOVED BY MOWING.

2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature

ERMA NZ approval code: HSR002515
 HSNO Hazard Classification: 2.1.2A, 6.1E, 6.3A, 6.4A, 6.8B, 6.9B, 9.1B

3. COMPOSITION / INFORMATION ON INGREDIENTS

Poisons Schedule : 5

Ingredients:

CHEMICAL ENTITY	CAS.NO	PROPORTION
Hydrocarbon propellant	68476-85-7	10-30%
Acetone	67-64-1	10-30%
Resins	Various	10-30%
Ethanol	64-17-5	10-30%
Resin	Proprietary	10-30%
Pigment	Various	10-30%

Ethylene Glycol Mono Butyl Ether	111-76-2	<10%
Rheological Additives	Various	<10%
Nitro Cellulose	9004-70-0	<10%
Additives	Various	<10%

4. FIRST AID

- Inhaled:** Move to fresh air, keep warm and rest. If respiration is difficult or breathing stopped apply resuscitation and consult physician.
- Eye:** Irrigate with copious quantities of water for at least 15 minutes. Check for physical damage.
- Skin:** Remove contaminated clothing. Wash off with soap and water. Launder clothing before reuse.
- Swallowed:** Do not induce vomiting. Keep calm and consult a physician.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Foam, dry agents, or water delivered as fog or fine spray.

Hazards from Combustion Products:

If heated to decomposition may release CO_x, ketones and complex hydrocarbons.

Specific Hazard:

Highly flammable gases, liquid and vapour.

Be aware of possible violent rupture of containers involved in fire.

Special fire fighting recommendations:

Keep uninvolved containers cool with water spray.

Contain run-off for later collection and controlled disposal.

HAZCHEM Code: 2[Y]E

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal:

Aerosol cans are sealed and spill proof. Ruptured or damaged cans may release product uncontrollably.

If safe to do so wrap leaking cans in an adsorbent cloth and dispose of into a refuse bin for collection by local authority.

Do not puncture or incinerate can even when empty.

7. HANDLING AND STORAGE

Precautions for safe handling:

Proper use of an aerosol dispenser will minimize contact with the material.

Conditions for safe handling:

Store in cool well ventilated dry places.

Product must be stored below 50°C.

Do not store in direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Most likely exposure will be accidental contact with skin while using aerosol dispenser and / or inhalation of overspray dusts (See Rouge Dusts).

Exposure Standards:

SUBSTANCE NAME: Hydrocarbon Propellant, as liquefied petroleum gas

Exposure Standard:

TWA: 1000 ppm 1800 mg/m³

STEL: 1250ppm 2180 mg/m³

SUBSTANCE NAME: Rouge dust **E**

Exposure Standard:

TWA: - ppm 10 mg/m³

STEL: - ppm - mg/m³ this value is for inspirable dust containing no asbestos and less than 1% crystalline silica. See Chapter 14: Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment, published by Worksafe Australia.

SUBSTANCE NAME: Acetone

CAS Number: 67-64-1

Exposure Standard:

TWA: 500 ppm (approx = 1,195 mg/m³) STEL:

1,000 ppm (approx = 2,380 mg/m³)

Adopted Exposure Standard:

TWA: 500ppm (approx = 1190mg/m³)

STEL: 1000ppm (approx = 2380mg/m³)

SUBSTANCE NAME: Ethanol

CAS Number: 64-17-5

Exposure Standard:

TWA: 1,000 ppm (approx = 1,880 mg/m³)

STEL: - ppm - mg/m³

SUBSTANCE NAME: Ethylene Glycol Mono Butyl Ether

CAS Number: 111-76-2

Exposure Standard:

TWA- 25ppm (121mg/m³)

Biological Limit Values:

There is no biological limit values allocated.

Engineering Controls:

Provide adequate ventilation.

Ensure ventilation is adequate to maintain air concentrations below exposure standards.

Eliminate all sources of ignition.

Personal Protection:

Avoid eye and skin contact.

Wear safety glasses.

Wear protective clothing to avoid skin contact.

Use respirator if vapours accumulate. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Appearance: White coloured paints packed in an aerosol dispenser

Odour: Aromatic

pH: Not Determined

Vapour Pressure: Not Determined

Vapour Density: Not Determined

Boiling Point (°C): Not Determined

Freezing Point (°C): Not Determined

Solubility: Not Determined

Specific Gravity: 1.048-1.088 Kg/L

Flash Point (°C): -80°C (Propellant Gas) UEL /

LEL in air: Not Determined

Ignition Temperature: Not Determined

% Volatile: 55-57 %

Other Properties: Can Pressure 2 - 6 Bar at 20°C

Flammability:

Highly flammable gases, liquid and vapour.

10. STABILITY AND REACTIVITY

Pressurised container may rupture if subjected to excessive heat. Product must be stored below 50°C.

Hazardous Polymerisation: No

Conditions to avoid Polymerisation: Not Applicable

Stability: Stable

Conditions to avoid instability: Not Applicable

Chemical Stability: Stable under normal conditions of use.

Conditions to avoid: Temperatures over 50°C, flames, sources of ignition and incompatibilities.

Incompatible materials: reacts with oxidising agents, acids, alkalis and amines.

Hazardous decomposition Products: If heated to decomposition may release CO_x, ketones and complex hydrocarbons.

Hazardous reactions: Not determined

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure that may result in adverse health effects are inhalation of overspray dusts and accidental contact with skin and eyes:

ACUTE EFFECTS:

Inhalation of overspray dusts: Irritation of nose and throat and possible drowsiness.

Eye: Severe irritant. Physical damage could occur from the effect of aerosol pressure.

Skin: Moderate irritant and drying effect.

Long Term Effects: Prolonged or repeated skin exposure may lead to dermatitis through the drying action of the solvent.

No other adverse health effects are expected if the product is handled in accordance with the safety data sheet and the product label. Symptoms that may arise if the product is mishandled are:

ACUTE EFFECTS:

Eye: Severe irritant. Physical damage could occur from the effect of aerosol pressure.

Skin: Moderate irritant and drying effect.

Inhaled: Harmful by inhalation. Irritation of nose and throat and possible drowsiness. Propellant is Asphyxiant.

Swallowed: Harmful if swallowed

CHRONIC EFFECTS:

Prolonged or repeated skin exposure may lead to dermatitis through the drying action of the solvent. Prolonged or repeated inhalation exposure to high concentrations of vapours may affect the central nervous system.

ACUTE TOXICITY / CHRONIC TOXICITY

No LD50 data available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity: The residual solids may be harmful to aquatic species.

Persistence / Degradability: Not determined

Mobility: Not determined

Note: This substance contains highly volatile material that will rapidly evaporate to the air.

13. DISPOSAL CONSIDERATIONS

Dispose of empty containers into a refuse bin for collection by local authority.

14. TRANSPORT INFORMATION

U.N. Number : 1950
UN Proper Shipping Name : Aerosols
Dangerous Goods Class : 2.1 Subsidiary
Risk :
Packaging Group :
Special Precautions for user : Product must be stored below 50°C. Do not store in direct sunlight.
Hazchem Code : 2[Y]E

15. REGULATORY INFORMATION

ERMA NZ approval code: HSR002515

Approved Handler: Not required

16. OTHER INFORMATION

Reason for issue:	Addition of information for NZ compliance
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End of MSDS