

**COMPANY:** PRIMEPAC INDUSTRIAL LTD  
**ADDRESS:** 15 Orbit Drive, Mairangi Bay, Auckland 0632  
**EMERGENCY TELEPHONE:** 0800 277 772 (Primepac, 8am to 5pm, Mon to Fri)  
0800 764 766 (NZ Poisons Centre, 24hrs, 7 days)

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

**Product Name** Line Marking Paint – White  
**Trade Names**  
**Other Names** Aerosol Paints, Spray Can Paint  
**Primepac Code** 8280

**Use and method of Application:**

AEROSOL LINE MARKING PAINT FOR USE THROUGH HAND OPERATED LINE MARKING TROLLEYS. USED FOR LINE MARKING IN PARKING AREAS, SPORTS GROUNDS, FACTORIES AND WAREHOUSES ETC.

### 2. HAZARDS IDENTIFICATION

**Statement of Hazardous Nature**

**ERMA NZ approval code:** HSR002662

**HSNO Hazard Classification:** 3.1C, 6.1D, 6,3A, 6.4A,

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Poisons Schedule** : 5

**Ingredients:**

CHEMICAL ENTITY	CAS.NO	PROPORTION
Toluene	108-88-3	10-30%
Hydrocarbon propellant	68476-85-7	10-30%
Poly Methyl Butyl Methacrylate Resin	28262-63-7	10-30%
Pigment	Various	10-30%
Xylene	1330-20-07	<10%
Rheological Additives	Various	<10%
Ethyl Acetate	141-78-6	<10%

Butyl Acetate	123-86-4	<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<sub>x</sub>, 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/m<sup>3</sup>

STEL: 1250ppm 2180 mg/m<sup>3</sup>

**SUBSTANCE NAME:** Rouge dust

**Exposure Standard:**

TWA: - ppm 10 mg/m<sup>3</sup>

STEL: - ppm - mg/m<sup>3</sup> 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:** Ethyl Acetate

**CAS Number:** 141-78-6

**Exposure Standard:**

TWA: 200 ppm (approx = 720 mg/m<sup>3</sup>) STEL:

400 ppm (approx = 1440 mg/m<sup>3</sup>)

**Adopted Exposure Standard:**

TWA: 500ppm (approx = 1190mg/m<sup>3</sup>)

STEL: 1000ppm (approx = 2380mg/m<sup>3</sup>)

**SUBSTANCE NAME:** Toluene

**CAS Number:** 108-88-3

**Exposure Standard:**

TWA: 100ppm, 377mg/m<sup>3</sup>

STEL: 150ppm, 565mg/m<sup>3</sup>

**SUBSTANCE NAME:** Butyl Acetate

**CAS Number:** 123-86-4

**Exposure Standard:**

TWA: 150 ppm (approx = 713 mg/m<sup>3</sup>)

STEL: 200 ppm (approx=950mg/m<sup>3</sup>)

**SUBSTANCE NAME:** Xylene

**CAS Number:** 1330-20-7

**Exposure Standard:**

TWA: 80ppm, 350 mg/m<sup>3</sup>

STEL: 150ppm, 655mg/m<sup>3</sup>

**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

**Appearance:** White coloured paints packed in an aerosol dispenser

**Odour:** Detectable Fruity

**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:** 1.24-1.28 Kg/L

**Flash Point (°C):** –80°C (Propellant Gas)

**UEL / LEL in air:** Not Determined

**Ignition Temperature:** Not Determined

**% Volatile:** 49-51%

**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<sub>x</sub>, 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:** HSR002662

**Approved Handler:** Not required

**16. OTHER INFORMATION**

**DATE OF REVISION:** 20/01/20  
**Reason for issue:** Addition of information for NZ compliance  
**CONTACT:** Marcus Boakes  
**Title:** Operations Manager  
**Phone:** +64 3 687 4174  
**Prepared by:** Michelle Christie