

Spot Marking Paint – White

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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name Spot Marking Paint - White
Trade Names
Other Names Aerosol Paints, Spray Can Paint
Manufacturers Code 11806

Use and method of Application:

AEROSOL MARKING PAINT FOR SPOT MARKING OF SURFACES PRIOR TO SURVEYING, EARTH WORKS, BUILDING CONSTRUCTION AND OR ROAD CONSTRUCTION. THE PRODUCT IS DESIGNED TO BE USED INVERTED TO WRITE OR MARK OUT HORIZONTAL SURFACES SUCH AS FLOORS, ROADWAYS ETC.

HAZARDS IDENTIFICATION

Statement of Hazardous Nature

Classified as HAZARDOUS SUBSTANCE, DANGEROUS GOODS according to the criteria of NOHSC.

APPLICABLE RISK PHRASES

R11 - Highly flammable
R20 – Harmful by inhalation

APPLICABLE SAFETY PHRASES

S16 - Keep away from sources of Ignition
S24 - avoid contact with skin
S25 - Avoid Contact with Eyes
S29 - Do Not Empty into Drains
S33 - Take Precautionary Measures against Static Discharges

Spot Marking Paint – White

COMPOSITION / INFORMATION ON INGREDIENTS

Poisons Schedule : 5

Ingredients:

CHEMICAL ENTITY	CAS.NO	PROPORTION
Acetone	67-64-1	30-60%
Hydrocarbon propellant	68476-85-7	10-30%
Resin	Various	10-30%
Ethyl Acetate	141-78-6	10-30%
Naphtha (petroleum) light aliphatic solvent	64742-89-8	<10%
Additives	Various	<10%
Pigment	Various	10-30%
Rheological Additives	Various	<10%

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.

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

ACCIDENTAL RELEASE MEASURES

Spills and Disposal:

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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.

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.

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

EXPOSURE CONTROLS / PERSONAL PROTECTION
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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

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:

Spot Marking Paint – WhiteTWA: 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:** Ethyl Acetate**CAS Number:** 141-78-6**Exposure Standard:**TWA: 200 ppm (approx = 720 mg/m³)STEL: - ppm - mg/m³)**SUBSTANCE NAME:** White spirit cleaner**CAS Number:** 64742-89-8TWA: 450mg/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.

PHYSICAL AND CHEMICAL PROPERTIES**Appearance:** White coloured paints packed in an aerosol dispenser**Odour:** Mainly Acetone**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:** 0.942 to 0.946 Kg/L**Flash Point (°C):** -80°C (Propellant Gas)**UEL / LEL in air:** Not Determined**Ignition Temperature:** Not Determined**% Volatile:** 69-71 %**Other Properties:** Can Pressure 2 - 6 Bar at 20°C**Flammability:**

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Highly flammable gases, liquid and vapour.

STABILITY AND REACTIVITY

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

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.

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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.

DISPOSAL CONSIDERATIONS

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

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

REGULATORY INFORMATION

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS)

OTHER INFORMATION

References:

Raw Material supplier's Material Safety Data sheets.

1. National Occupational Health and Safety Commission, 'National Code of Practice for the Preparation of Material Safety Data Sheets' 2nd Edition [NOHSC:2011(2003)]994
2. Safe Work Australia, "Hazardous Substance Information System, Consolidated Lists, CAS Number Index. Issued 23 November, 2010.

DATE OF REVISION:

08/01/18

Reason for issue:

Routine Review. No significant change from Previous

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End of MSDS