



## Safety Data Sheet – Spot Marking Paint

### 1. Identification

**Product Name:** Spot Marking Paint

**UN Number:** 1950

**Recommended Use:** Spray paint

**Proper Shipping Name:** AEROSOLS

#### Supplier

**Name:** Building King Limited

**Address:** 11 Rakau Road,  
Wanganui 4501

**Phone:** 06 344 4650

**Email:** buildingkingltd@gmail.com

**Website:** www.buildingking.co.nz

**Emergency Contacts:** Emergency Services (Fire, Ambulance, Police) – Dial 111  
National Poisons Information Centre – 0800 764 766 (0800 POISON)  
Company Contact – 06 344 4650

### 2. Hazard Identification

#### Statement of Hazardous Nature:

This preparation is classified as a health or environmental hazard according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017.

Classified as a Dangerous Good according to NZS 5433.

#### Hazard Classification:

2.1.2A, 6.3B, 6.4A, 6.9B

#### Hazard Statements:



#### DANGER

Extremely flammable aerosol.

Causes mild skin irritation.

Causes serious eye irritation.

May cause drowsiness or dizziness.

#### Prevention Statements:

Read label and Safety Data Sheet before use.

Keep away from heat, sparks, open flames, hot surfaces. No smoking.

Do not spray on an open flame or other ignition source.

Pressurised container: Do not pierce or burn, even after use.

Avoid breathing spray / fume / mist.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection when handling.

### 3. Composition & Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Rosin resin	8050-31-5	5 – 10
Epoxy resin	38891-59-7	3 – 7
Talc	14807-96-6	5 – 10
Ethyl acetate	141-78-6	10 – 20
Methylal	109-87-5	10 – 15
Pigment powder	5160-02-1	5 – 10
Dimethyl ether	115-10-6	30 – 35

This is a commercial product; compositional ratios may vary slightly to those listed. Minor quantities of other non-hazardous ingredients may be present.



#### 4. First Aid Measures

New Zealand Poisons & Hazardous Chemicals National Information Centre  
phone 0800 POISON – 0800 764 766

**Call a POISON CENTRE or doctor if you feel unwell.**

**Skin:** IF ON SKIN, remove contaminated clothing. Wash skin thoroughly with soap and water. If skin irritation occurs, seek medical attention. Wash contaminated clothing before re-use.

**Eyes:** IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.

**Inhalation:** IF INHALED, remove person to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, administer artificial respiration. Seek medical attention.

**Ingestion:** IF SWALLOWED, seek medical advice. Rinse mouth with water. Do NOT induce vomiting.

**Advice to Doctor:** Treat symptomatically.

#### 5. Fire Fighting Measures

**Flammability:** Extremely flammable aerosol.

**Extinguishing media:** Carbon dioxide, dry chemical powder, foam or water mist are suitable extinguishing media. Prevent contamination of drains or water ways.

**Hazardous Combustion products:** Carbon and nitrogen oxides may be formed.

**Fire-fighting instructions:** In the case of a fire involving large quantities of product, fire-fighters should wear appropriate protective clothing and gloves. Self-contained breathing apparatus may be required. Keep exposed containers cool with water spray. If safe to do so, move undamaged containers from the fire area. Isolate area until gas and/or smoke has dispersed.

#### 6. Accidental Release Measures

**Spills:** Eliminate all ignition sources and ventilate the area. Stop leak if safe to do so, and contain spill. Absorb spill with non-combustible, absorbent materials such as sand or earth. Collect and place in sealable containers for disposal. After spills, wash area with a detergent, taking precautions to avoid runoff from entering drains. Avoid using solvents for clean-up.

Prevent spill from entering storm water and sewer drains and watercourses. If a significant quantity of material enters drains, advise emergency services.

#### 7. Handling & Storage

##### Safe Handling

Before use, carefully read the product label and safety data sheet.

Keep out of reach of children.

Keep away from ignition sources and heat. Do not smoke while using this product.

Only use in areas with adequate ventilation.

Avoid eye or skin contact. Wear appropriate personal protective equipment while handling.

Observe good personal hygiene, including washing hands before eating. Prohibit eating and drinking work areas.

##### Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Store in a cool, dry, well-ventilated place, removed from ignition sources.

Store locked up.

Ensure containers are labelled, protected from physical damage and sealed when not in use.

Do not store nearby strong oxidising agents, strong acids or alkalis.

#### 8. Exposure Controls & Personal Protection

##### Exposure Standards

##### **Workplace Exposure Standards (WES)\*:**

Ingredient	CAS Number	TWA	STEL
Talc	14807-96-6	2 mg/m <sup>3</sup> (respirable dust)	
Ethyl acetate	141-78-6	200 ppm 720 mg/m <sup>3</sup>	
Methylal	109-87-5	1,000 ppm 3,110 mg/m <sup>3</sup>	
Dimethyl ether	115-10-6	400 ppm 766 mg/m <sup>3</sup>	500 ppm 958 mg/m <sup>3</sup>

\* Data source: *Workplace Exposure Standards and Biological Indices (2018)*.



## Engineering Controls

**Ventilation:** Ensure adequate ventilation to prevent the build-up of vapours.

## Personal Protection (PPE)

Wear protective gloves and eye/face protection.

**Eyes/Face:** Splash resistant Safety Glasses with side shields or safety goggles (AS/NZS 1337).

**Skin:** Use neoprene or nitrile rubber gloves. The glove material must be impermeable and resistant to the product. Protective clothing is also recommended when using this product to avoid skin contact.

**Respiratory:** If risk of inhalation exists, a respirator with organic vapour / particulate filter should be worn. Respirators should comply with AS/NZS 1716 and maintained in accordance with AS/NZS 1715.

## 9. Physical & Chemical Properties

**Appearance:** Coloured paint dispensed as aerosol spray.

**Odour:** Solvent odour.

**pH:** No data available.

**Boiling point:** 55°C (at 100kPa)

**Melting point:** < 0°C

**Flash point:** -40°C

**Density at 20 °C:** No data available.

**Solubility (water):** Insoluble in water; soluble in ketones / esters.

**Evaporation rate:** No data available.

**Vapour pressure:** 0.35 MPA

**Flammable limits:** LEL – 0.8 (in air, % by volume)  
UEL – 13.0 (in air, % by volume)

## 10. Stability & Reactivity

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Do not expose to flames, sparks, ignition sources or temperatures exceeding 50°C. Protect from direct sunlight.

**Materials to avoid:** Oxidising agents, strong acids, strong alkalis.

**Hazardous decomposition products:** Toxic smoke, carbon and nitrogen oxides may be formed in the event of a fire.

**Hazardous polymerisation:** Not expected to occur.

## 11. Toxicological Information

### Health Effects / Symptoms of Exposure

**Skin:** Causes skin irritation.

**Eyes:** Causes severe eye irritation.

**Ingestion:** Oral exposure is considered unlikely. May be harmful if swallowed.

**Inhalation:** May cause irritation to the mucous membranes and respiratory system. Excessive inhalation can cause headache, nausea, dizziness or asphyxiation. Deliberately sniffing or inhaling concentrated contents may be harmful or fatal.

### Toxicological Data\*

No data available for this product as a whole. Toxicological data below is for individual ingredients.

Ethyl acetate LD50 (Mouse) = 4100 mg/kg

\* Data source: EPA – Chemical Classification and Information Database (CCID)

## 12. Ecological Information

Prevent product from entering drains or watercourses.

**Persistence in environment:** No data available.

**Biodegradability:** No data available.

**Mobility:** No data available.

### Ecotoxicological Data

No data available for this product or ingredients.

## 13. Disposal Considerations

Do not pierce or burn aerosols cans, even when empty. Do not allow into drains, sewers or watercourses. Bulk or contaminated product may be disposed of through an approved hazardous waste contractor. Disposal waste contractors must comply with the New Zealand Hazardous Substances (Disposal) Notice 2017. Small quantities may be disposed of through normal household / commercial waste removal facilities.




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## 14. Transport Information

Classified as a Dangerous Good according to NZS 5433:2007

**Proper Shipping Name:** AEROSOLS

**DG Class:** Class 2.1 – Flammable gases

**UN Number:** 1950

**Packing Group:** Not set.

**HAZCHEM code:** 2YE

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## 15. Regulatory Information

### HSNO Approval

**HSNO Group Standard:** Aerosols (Flammable) Group Standard 2017 – HSR002515

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## 16. Other Information

### Abbreviations / Terminology:

AS/NZS	Joint Australian New Zealand Standard
AS/NZS 1337	Personal eye-protection
AS/NZS 1715	Selection, use and maintenance of respiratory protective equipment
AS/NZS 1716	Respiratory protective devices
CAS#	Chemical Abstract Service number (a unique identifier for chemicals)
CCID	Chemical Classification and Information Database
EPA	Environmental Protection Authority
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
LEL	Lower Explosive Limit – the concentration of flammable gas, vapour or mist in air below which an explosive gas atmosphere will not be formed.
NZS 5433	Transport of Dangerous Goods on Land
STEL	Short Term Exposure Limit
TEL	Tolerable Exposure Limit
TWA	Time Weighted Average
UEL	Upper Explosive Limit – the concentration of flammable gas, vapour or mist in air above which an explosive gas atmosphere will not be formed.
WES	Workplace Exposure Standard

Prepared with reference to: *Hazardous Substances (Safety Data Sheets) Notice 2017.*

**Current Version:** 8 October 2019

### Revision Information:

SDS may be revised from time to time, please ensure you have a current copy.

This revision: Updated to meet New Zealand requirements.

Previous revision dated: 10 January 2017

### Disclaimer:

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

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