

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ZINCILATE 10 LIQUID  
**Other Names:** Formerly Dimetcote 9 Liquid  
**Recommended Use:** Liquid component for 2 pack inorganic zinc coating  
**Company Name:** Resene Paints Limited New Zealand **Address:** 32-50 Vogel Street, Naenae, Wellington, NEW ZEALAND  
 P O Box 38242, Wellington Mail Centre  
**Phone:** (04) 577 0500 Fax: (04) 577 0600  
 Resene Paints Limited Australia **Address** 7 Production Avenue, Molendinar, Queensland 4214  
 P O Box 785, Ashmore City, Queensland 4214  
 AUSTRALIA  
**Phone** 1800 738 383

### Emergency Telephone:

**New Zealand** 0800 737 363 Available Monday - Friday 8.00am - 4.30pm

**New Zealand Poisons Centre: 0800 764 766**

**Australia** 1800 738 383

**Australian Poisons Centre: 131 126**

## SECTION 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS according to NZ HSNO Regulations  
 Regulated under NZS5433 for land transportation

### Risk Phrases

### Safety Phrases

**Substance Classification** 3.1C 6.1E 6.3A 6.4A 6.8B 6.9B 9.1C 9.3C

**Hazard Statements** Flammable liquid and vapour  
 May be harmful if swallowed  
 Causes skin irritation  
 Causes eye irritation  
 Suspected of damaging fertility or the unborn child.  
 May cause damage to organs through prolonged or repeated exposure.  
 Harmful to aquatic life with long lasting effects  
 Harmful to terrestrial vertebrates

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	CAS No	TWA	
Ethyl Silicate	30-60	26352-16-9	1880 mg/m <sup>3</sup> as	NZ OSH (WES) 2002
2-Isopropoxyethanol	10-30	109-59-1	106 mg/m <sup>3</sup>	NZ OSH (WES) 2002
Dimethylbenzene	10-30	1330-20-7	217 mg/m <sup>3</sup>	NZ OSH (WES) 2002
VM & P Naphtha	1-10	8030-31-7		
Calcium Silicate	1-10	1344-95-2	10 mg/m <sup>3</sup>	NZ OSH (WES) 2002
isopropanol	1-10	67-63-0	983 mg/m <sup>3</sup>	NZ OSH (WES) 1994
Proprietary ingredients	1-10	various	None Establish	

## SECTION 4. FIRST AID MEASURES

**Eyes** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists get medical attention/advice.

**Swallowed:** Call a POISON CENTRE (NZ 0800 764766) or Australia (131 126) or doctor/physician if you feel unwell.

**Skin** IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF skin irritation occurs: Get medical advice/attention.

**Inhaled** Remove to fresh air and keep at rest in a position comfortable for breathing.

**Aggravated medical conditions caused by exposure**

**Chronic Health Effects**

**Advice to Doctor**

## SECTION 5. FIRE FIGHTING MEASURES

**Extinguisher** Foam, Carbon Dioxide, Dry Chemical

**Hazards from combustion products**

**Special protective precautions and equipment for firefighters**

**Fire/Explosion Hazard**                      **Auto Ignition Temperature**   **Lower Explosion Limit**   **Upper Explosion Limit**

**Hazchem Code**   **Flash Point**                      n/a

3[Y]                      27°C

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures**

Keep spectators away and avoid breathing dust or vapours

**Methods and materials for containment and clean up**

**Minor Spills** Clean up spills immediately.

Wear protective clothing and breathing apparatus.

Use absorbent clean up materials, such as fire retardant treated sawdust or diatomaceous earth.

Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and waterways.

Sweep up.

Place in separate container for disposal or recovery.

**Major Spills** Dike and contain spill with inert materials (eg. Sand).

Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and open bodies of water.

Restrict access to area. No smoking or naked lights.

Clear area of personnel and move upwind.

Alert Fire Brigade and tell them location and nature of hazard.

Consider evacuation (or protect in place).

Stop leak if safe to do so.

Collect recoverable product into labelled containers for recycling.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling** Avoid damaging containers. Keep lids on containers when not in use

**Conditions for safe storage including any incompatibilities**

**Storage Temperatures**   **Min** 1°C                      **Max** 40°C

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National exposure standards for mixture**      No exposure standards has been established for this product

**Component**                      **Breathing Zone ppm**                      **Breathing Zone mg/m<sup>3</sup>**

**Personal Protection**

**Eye:** Safety eyewear with splash guards or side shields to prevent eye contact is recommended when using any paint.

**Hands/Feet** Protective clothing. Gloves of neoprene or nitrile rubber - Industrial weight lined gauntlet recommended.

**Other** Overalls, impervious clothing, barrier cream, eyewash unit, skin cleansing cream.

Practice good caution and personal cleanliness to avoid skin contact. Avoid breathing vapours of heated materials. Wash hands thoroughly before handling food.

**Respirator**

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** liquid

Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
Hydrocarbon	n/a	n/a	heavier than air	138°C	0°C	Miscible	50

## **SECTION 10. STABILITY AND ACTIVITY**

**Chemical Stability** Product is considered stable under normal storage and handling conditions.

**Conditions to Avoid Freezing,** excessive heat and changes in temperature

**Incompatible Material**

**Hazardous decomposition product** Oxides of carbon and nitrogen

**Hazardous reactions** Hazardous polymerisation will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

No data available for this product

Refer to individual raw materials

Component	Oral: LD50 mg/kg	Dermal: LD50 mg/kg	Inhale: LC50 ppm
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**SECTION 12. HAZARDS IDENTIFICATION**

No data available for this product

Do not allow the product to enter the environment

Component	Fish: LC50 mg/Lt	BCF: <100 Kow
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**SECTION 13. DISPOSAL CONSIDERATIONS**

Special precautions for landfill or incineration

Consult manufacturer for recycling options and recycle where possible

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed

**SECTION 14. TRANSPORT INFORMATION**

UN Number 1263

UN Proper shipping Paint related material

**Subsidiary risk**

Poison Schedule

HAZCHEM Code 3[Y]

Packing Group: III

Class 3

**Special precautions for user****SECTION 15. REGULATORY INFORMATION**

Group Standard HSR002662 Surface Coatings &amp; Colourants - Flammable

Approved Handler Not required

**SECTION 16. OTHER INFORMATION**

Date of Preparation 25/09/2009

Literature references MSDS's for individual raw material

**Abbreviations:**

NOHSC National Occupational Health and Safety Commission

TWA Time weighted average

STEL Short term exposure limit

CAS Numbe Chemical Abstract Service registry number

Threshold limit value

Marine Pollutant

Marine Pollutant **Safety data sheets are updated frequently. Please ensure that you have a current copy**

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