

## **Water Based Concrete Curing Compound**

### **SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: Water Based Concrete Curing Compound  
Recommended Uses: For concrete treatment  
Supplier: Omega Paints Pty Ltd  
Street Address: 111, Kurrajong Ave, Mount Druitt, NSW, 2770  
Telephone Number: (02) 9832 0000  
Fax: (02) 9677 0566  
Emergency phone: **Poison Information Center: 13 11 26**

### **SECTION 2- HAZARDS IDENTIFICATION**

#### **Health Hazard Classification**

This product is **NOT** classified as hazardous according to criteria of NOHSC  
Non-Hazardous Substance. Non-Dangerous Goods.

### **SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS**

<b>Chemical Entity</b>	<b>CAS No.</b>	<b>Proportion (%w/w)</b>
<b>Water</b>	7732-18-5	>60%
<b>Acrylic Polymer</b>	N/A	10-30%
<b>Liquor Ammonia</b>	1136-21-6	<0.1%
<b>Individual Residual Monomers</b>	N/A	<0.1%
Ingredients determined to be non-hazardous or below the hazardous threshold		TO 100%

### **SECTION 4- FIRST AID MEASURES**

#### **Ingestion**

If swallowed, do not induce vomiting. Give 250 ml water to rinse out mouth and drink. Seek immediate medical attention.

#### **Eye contact**

Immediately flush eyes with large amount of water for at least 15 minutes. Seek medical attention if irritation persists.

#### **Skin contact**

Flush thoroughly with soap and water. Immediately remove contaminated clothing including footwear. Seek medical attention in event of persisting skin irritations.

**Inhalation**

Remove victim from exposure to fresh air. Keep at rest. If breathing is difficult, administer artificial respiration. Seek immediate medical attention

**First aid facilities**

Provide eye baths and safety showers.

**Medical attention**

Treat symptomatically.

**SECTION 5- FIRE FIGHTING MEASURES****Suitable extinguishing equipment**

Not required. Material is not combustible.

**Hazards arising from combustion of product**

Material is not flammable.

**Special protective equipment and precautions for fire fighters**

N/A.

**Hazchem Code: Nil****SECTION 6- ACCIDENTAL RELEASE MEASURES**

Floors may be slippery, care should be exercised to avoid falls. Avoid accidents - clean up immediately. Dike and contain spill with inert material (sand, earth etc) and transfer the liquid to containers for recovery or disposal. Do not allow into drains or watercourses. Dispose of in chemical waste disposal area in accordance with relevant State and Federal regulations.

**SECTION 7- HANDLING AND STORAGE****Precaution for safe handling**

Wear protective goggles and rubber gloves to prevent eye and skin contamination. Use in designated areas with adequate ventilation.

**Conditions for safe storage**

Keep containers tightly sealed when not in use. Store in a well-ventilated place and out of direct sunlight. Do not freeze.

**SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

Chemical Entity	Cas No	Weight%	TWA <sup>1</sup> (ppm)	STEL <sup>2</sup> (ppm)
Liquor Ammonia	1136-21-6	<0.1%	1000	

<sup>1</sup> Time weighted average concentration

<sup>2</sup> Short-term exposure limit

**Engineering controls**

General mechanical ventilation or local exhaust should be suitable to keep vapour concentrations below TWA. Ventilation equipment should be explosion proof.

**Personal protective equipment**

Wear chemical safety glasses/goggles or face shield. Wear half face respirator, with organic vapor cartridge. Wear PVC or Nitrile chemical handling gloves.

**SECTION9- PHYSICAL AND CHEMICAL PROPERTIES**

Property	Unit of measurement	Typical value
Appearance	-	Milky Liquid
Odour	-	Characteristic Odour
Boiling Point	°C	100
Flash Point	°C	N/A
Density @ 25°C	g/ml	0.98 -1.02
Volatile content	%(w/w)	>75-80% water
PH Value		8-9

**SECTION 10- STABILITY AND REACTIVITY****Chemical stability**

Stable.

**Conditions to avoid**

Do not freeze.

**Incompatible materials**

Not to be loaded with dangerous when wet substances (Class 4.3), oxidizing agents (Class 5), cyanides (Class 6), strong acids (Class 8), cationic detergents or foodstuffs.

**Hazardous decomposition products**

Carbon oxides.

**Hazardous reactions**

None.

**SECTION 11- TOXICOLOGICAL INFORMATION****Acute effects*****Ingestion***

Irritating to mouth.

***Eye Contact***

Moderate irritating.

***Skin Contact***

Mildly irritating.

***Inhalation***

At ambient temperatures, is a low irritation hazard. If heated, may cause irritation of nose, throat and lungs. This will apply if sprayed in a confined space.

**SECTION 12- ECOLOGICAL INFORMATION**

Ecotoxicity: Low  
Persistence and degradability: Product is not biodegradable.  
Mobility: Once dry, the result film is not mobile.

**SECTION 13- DISPOSAL CONSIDERATIONS**

Disposal methods and containers: Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.

**SECTION 14- TRANSPORT INFORMATION**

For local transportation within New Zealand refer NZS 5433:1999: For Australia refers ADG code.

<b>UN No.</b>	Not Allocated
<b>Proper Shipping Name</b>	Not Allocated
<b>DG Class</b>	Not Allocated
<b>Subsidiary Risk</b>	Not Allocated
<b>Packing Group</b>	Not Allocated
<b>Hazchem Code</b>	Not Allocated

**SECTION 15-REGULATORY INFORMATION**

Not scheduled.

**SECTION 16- OTHER INFORMATION****Abbreviations:**

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

CAS Number: Chemical Abstracts Number

HMIS: Hazardous Materials Identification System