

Safety Data Sheet

ΩMEGA Water Based Concrete Curing Compound

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Water Based Concrete Curing compound
Recommended Uses:	Concrete treatment
Supplier:	Omega Paints P/L
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

Chemical Entity	CAS No.	Proportion (%w/w)
Water	7732-18-5	>60%
Acrylic Polymer	N/A	10-30%
Liquor Ammonia	1136-21-6	<1%
Individual Residual Monomers	N/A	<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.

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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.

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SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

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

¹ Time weighted average concentration

² 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.

SECTION 9- 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)	>70%
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.

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SECTION 11- TOXICOLOGICAL INFORMATION

Acute effects

Ingestion

Irritating to mouth.

Eye Contact

Moderate irritating.

Skin Contact

Mildly irritating.

Inhalation

At ambient temperatures, it 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.

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

SECTION 15-REGULATORY INFORMATION

Not scheduled.

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SECTION 16- OTHER INFORMATION

Contact Apco Coatings
Person/Point Technical Manager
Ph 02 98 32 0000 Mob 0422237710

Other Information Principal toxic properties of this product are due to the solvent composition and vapour inhalation hazards.
Abbreviations: N/A - Not Applicable N/AV - Not Available

Abbreviations:

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

CAS Number: Chemical Abstracts Number