



SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT (MATERIAL) NAME	CURECON W30 – TYPE 1-D CLASS B CURING COMPOUND		
OTHER NAMES			
RECOMMENDED USE	Curing compound for concrete : Application Rate 5m ² /L		
SUPPLIER NAME/ADDRESS	THOMSON WHITE AUST P/L 250 Princes Hwy Dandenong Vic 3175		
TELEPHONE NO.	+61-(0) 3 97918211	Facsimile: +61-(0) 3 97918644	
EMERGENCY PHONE NUMBER	+61-(0) 3 97918211	Hours: 0800-1700	Monday-Friday

SECTION 2 HAZARDS IDENTIFICATION

HAZARD	Classified as hazardous according to criteria of NOHSC Australia.
CLASSIFICATION	Not classified as dangerous according ADG Code
RISK PHRASE(S)	R36: Irritating to eyes.
SAFETY PHRASE(S)	S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre 131126.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Chemical identity of ingredients	Proportion of ingredients	CAS Number(s) for ingredients

Balance of formulation consists of ingredients below cut-off rates or ingredients determined not to be hazardous.

SECTION 4 FIRST AID MEASURES

Swallowed:	For advice, contact a Poisons Information Centre (Phone Australia 131126; New Zealand 03 4747000) or a doctor. If swallowed, do NOT induce vomiting.
Eye:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or a doctor, or for at least 15 minutes.
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Remove contaminated clothing and wash before reuse. Wash off skin with soap and water. Seek medical assistance if irritation persists.
Inhalation:	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Medical attention or special treatment required	
ADVICE TO DOCTOR.	Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Foam, Carbon Dioxide, Dry Chemical Powder, and Water fog.
HAZARDS FROM COMBUSTION PRODUCTS	Combustion will release toxic gasses. (COx)
SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS	Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of decomposition (COx) evolved.
<i>Additional information</i>	Not classed as flammable liquid under ADG Code. Classed as combustible under AS1940. Dried film will also be combustible
<i>Hazchem Code</i>	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES	Extinguish any source of flame Evacuate area, clearing all unnecessary personnel. Contain liquid with soil/sand. Prevent liquid from entering storm water drains, basements or workpits. Wear protective goggles to prevent eye contamination. Absorb spill with soil/sand and recover material into mild steel drums. Label drums correctly.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP	Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Wear protective goggles and rubber gloves to prevent eye and skin contamination.
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. Check area regularly for spills. The product is corrosive to copper, brass, zinc and zinc alloys, mild steel if stored in these materials over an extended time period.
INCOMPATIBILITIES	Not to be loaded with dangerous when wet substances (Class 4.3), oxidising agents (Class 5), cyanides (Class 6), strong acids (Class 8).

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS	Not established for the product.
BIOLOGICAL LIMIT VALUES	Not established for the product.
ENGINEERING CONTROLS	If used in limited ventilation Ensure adequate ventilation to maintain exposure levels are kept below standards, by using a local exhaust.
<u>PERSONAL PROTECTION:</u>	Avoid unnecessary contact as good work practice. Wash contaminated clothing and protective equipment before storing and re-use. Wash hands before eating, smoking or using the toilet.
<u>RESPIRATORY PROTECTION</u>	It is usually safe to not use respiratory protection. However, there may be circumstances where use of a mask or other device is appropriate. Use judgement. For assistance in selecting suitable equipment consult AS/NZ1715.
<u>EYE PROTECTION</u>	Eye protective measures are normally necessary, and are suggested when using this product. Consult AS1336 and AS/NZ1337
<u>PROTECTIVE GLOVES</u>	Rubber, PVC or other protective gloves are necessary, and desirable, especially if product is being used frequently or for lengthy periods. Consult AS2161 for guidance.
<u>CLOTHING</u>	Clean overalls should be worn, preferably with an apron. Consult AS2919 for clothing guidance.
<u>SAFETY FOOTWEAR</u>	Wearing safety boots is advisory. Consult AS/NZ 2210 for advice on Occupational Protective Footwear.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance (colour, physical form, shape).	Light green to white mobile fluid
Odour.	Characteristic odour
pH.	8.5-9.0
Vapour pressure.	Similar to water
Vapour density.	Similar to water
Boiling point.	100°C
Freezing Point	0°C
Solubility (specify solvent, e.g. water).	Miscible in water
Specific gravity or density.	0.9-1.0
Flash Point	Not applicable
LEL : UEL	unknown
Autoignition temperature.	unknown
<i>Volatile organic compounds (VOC) content.</i>	Not stated
<i>Evaporation rate.</i>	Similar to water
<i>Viscosity @25 °C</i>	>50cps

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), oxidising agents (Class 5), cyanides (Class 6), strong acids (Class 8).
Hazardous decomposition products	Combustion will release toxic gasses. (COx)
Hazardous reactions	None

SECTION 11 TOXICOLOGICAL INFORMATION

SYMPTOMS OF EXPOSURE	
Swallowed:	No data is available on human ingestion of product. May be mildly irritating to mouth.
Eye:	May be mildly irritating,
Skin:	May be mildly irritating, frequent and prolonged contact may cause dermatitis.
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.

ACUTE**DELAYED**

Additional information

Aggravated medical conditions

caused by exposure

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY Low
PERSISTENCE AND DEGRADABILITY Product is not biodegradable, although surfactants utilised in the formulation are biodegradable. Dry film is volatile and will evaporate over a few months.

MOBILITY

ADDITIONAL INFORMATION

ENVIRONMENTAL FATE (EXPOSURE)

BIOACCUMULATIVE POTENTIAL

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.

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION

SECTION 14 TRANSPORT INFORMATION

UN NUMBER Not applicable
UN PROPER SHIPPING NAME Not applicable
CLASS AND SUBSIDIARY RISK Not applicable
PACKING GROUP Not applicable
SPECIAL PRECAUTIONS FOR USER NIL
HAZCHEM CODE Not applicable

SECTION 15 REGULATORY INFORMATION

Poison Schedule Not scheduled
OHS Considered a hazard
Environmental Not considered a hazard
Additional national and/or international regulatory information. Unregulated

SECTION 16 OTHER INFORMATION

Date of preparation or last revision of the MSDS 13 November 2008
Prepared by Glenn Bowring B App Sc (App Chem)

Additional information

Key/legend to abbreviations and acronyms used in the MSDS.

ADG Australian Code for the Transport of Dangerous Goods by Road and Rail
ACGIH American Conference of Governmental Industrial Hygienists
ASCC Australian Safety and Compensation Council
Code AICS Australian Inventory of Chemical Substances
CAS number Chemical Abstracts Service Registry Number
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC International Agency for Research on Cancer
LEL lower flammable (explosive) limits in air;
LD₅₀ Lethal Dose sufficient to kill 50% of test population
NOEL No Observable Effect Level
NOHSC National Occupational Health and Safety Commission
NTP National Toxicology Program (USA)
PEL Permissible Exposure Limit
RTECS Registry of Toxic Effects of Chemical Substances (Symyx Technologies')
TCL₀ Toxic Concentration Low
TD_{Lo} Toxic Dose Low : lowest dosage per unit of bodyweight (typically stated in milligrams per

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Review Date: 13 November 2008

Print Date:14 November, 2008

TLV	kilogram) of a substance known to have produced signs of toxicity in a particular animal species.
TWA	Threshold Limit Value (ACGIH):The time weighted average used to describe exposure which is harmless to most of the population when exposed 8 hours per day, 40 hours per week.
STEL	(Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
SUSDP	(Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
UEL	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	upper flammable (explosive) limits in air;
<i>Literature references.</i>	United Nations Number
<i>Sources for data.</i>	Material Safety Data Sheets from Suppliers
	Hazardous Substances Information System (HSIS)– ASCC Australia (on-line)
	ADG Code 6 th Edition
	SUSDP N ^o 23

DISCLAIMER:

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Thomson White Australia Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. Thomson White Australia Pty Ltd however makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof and assumes no responsibility for injury to buyer or third persons or for any damage to property, Buyer assumes all risks.