



SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT (MATERIAL) NAME	CURECON BE – CLASS Z 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	Not classified as hazardous according to criteria of NOHSC
CLASSIFICATION	
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
liquid hydrocarbons	<10%	[8008-20-6]

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.

SYMPTOMS OF EXPOSURE

Swallowed:	No data is available on human ingestion of product. May be irritant to mouth.
Eye:	Moderate irritant
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 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>	Dried film will 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) cationic detergents or foodstuffs.

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 is 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).	Brown to black mobile fluid
Odour.	Characteristic odour
pH.	8.5-9.0
Vapour pressure.	Similar to water
Vapour density.	Similar to water
Boiling point/range.	100°C
Freezing/melting point (specify which).	0°C
Solubility (specify solvent, e.g. water).	Miscible in water
Specific gravity or density.	0.9-1.0
flash point	Not applicable
upper and lower flammable (explosive) limits in air;	unknown
Autoignition temperature.	unknown
<i>Additional information</i>	
<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) cationic detergents or foodstuffs.
Hazardous decomposition products	Combustion will release toxic gasses. (COx)
Hazardous reactions	None

SECTION 11 TOXICOLOGICAL INFORMATION

Health effects from the likely routes of exposure	
Swallowed:	No data is available on human ingestion of product. May be irritant to mouth/throat.
Eye:	Moderate irritant
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.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY	Low
PERSISTENCE AND DEGRADABILITY	Product is not biodegradable, although surfactants utilised in the formulation are biodegradable.
MOBILITY	Once dry the resultant film is not mobile.
<i>ADDITIONAL INFORMATION</i>	
<i>ENVIRONMENTAL FATE (EXPOSURE)</i>	
<i>BIOACCUMULATIVE POTENTIAL</i>	

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	Unregulated
Environmental	Unregulated
<i>Additional national and/or international regulatory information.</i>	Unregulated

SECTION 16 OTHER INFORMATION

Date of preparation or last revision of the MSDS	16 February, 2004
Prepared by	Glenn Bowring B App Sc (App Chem)
<i>Additional information</i>	
<i>Key/legend to abbreviations and acronyms used in the MSDS.</i>	
<i>Literature references/ Sources for data.</i>	Material Safety Data Sheets from Suppliers List of Designated Substances – Worksafe Australia (on-line) Australian Dangerous Goods Code 6 th Edition Standard for the Uniform Scheduling of Drugs and Poisons N ^o 18

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