



SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: **Multicure AC90™**

Specific End Use: Curing agent for newly laid/ poured concrete.

Name, Address, and Telephone of the Responsible Party Company

Concord Sealers Pty Ltd
60 Centenary Place,
Logan Village, Qld 4207
(T) 07 5547 0052

www.concordsealers.com.au

SECTION 2 – HAZARDS CLASSIFICATION/ IDENTIFICATION

Classification of this product	Not a hazardous substance or mixture according to GHS criteria
Labelling elements	No labelling required according to GHS criteria
Other Hazards	No specific dangers known or expected during the ordinary course of use. Skin contact irritation possible but not expected. Use with local exhaust ventilation and full PPE such as gloves, eye/face protection.

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Substance This product does not contain any components in amounts that would be classified as hazardous under Australian Regulations

Acrylic Dispersion

Main Ingredients	
Product	Amount
Acrylic Polymer	45% approx.
Other Additives	55% approx

Selected Minor Ingredients	
Product	Amount
Ammonia Solution	<0.1%
Biocide CIT/MITE	<15ppm
APEO containing Surfactant	<2%

SECTION 4 – FIRST AID MEASURES

Description of First-aid Measures

General	Remove any contaminated clothing.
Inhalation	Provide fresh air. Assisted breathing required if ammonia fumes have had any adverse effect. (This scenario is unlikely)
Skin Contact	Wash with water and soap. Seek medical attention if irritation develops.
Eye Contact	Rinse with plenty of water. Seek medical advice in case of continuous irritation. Rinse for at least 15 minutes
Ingestion	Swallowing is not usual through normal use and exposure. If conscious, give several small portions of water to drink and to rinse mouth. Do not induce vomiting. Seek immediate medical advice.

Most Important Symptoms and Effects Both Acute and Delayed

No significant symptoms are expected due to the nature of this product.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. Product may agglutinate in the gastro-intestinal tract. Depending on symptoms and amount of ingestion, invasive measures may be necessary. Observation for up to 72 hours may be necessary.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water spray, dry extinguishing media, foam, carbon dioxide.

Special Hazards Arising From the Substance or Mixture

No particular hazards.

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Advice for Firefighters

Use respiratory protection with a self-contained breathing apparatus.

Further information

Fire debris and contaminated extinguishing water must be disposed of according to local regulations. Contact Acquos for further information.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures

Wear appropriate PPE protection. Use personal protective clothing and ensure adequate ventilation and air circulation. Avoid contact with skin and eyes.

Environmental Precautions

Do not release untreated into natural waterways. Cover any spilled material to prevent slip hazard and dispose of according to local regulations.

Methods and Materials for Containment and Cleaning Up

For small amounts, use a suitable absorbent material (sand saw dust or inert absorbent powder) and dispose absorbent material with local regulations. Spills should be immediately contained due to the risk of slip hazard.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid spilling and use adequate ventilation.

Protection against Fire and Explosion

No special precautions necessary with this product.

Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed and protect from extreme weather (freezing and heat) to maintain product homogeneity.

Specific End Use(s)

Curing agent for newly laid/ poured concrete.

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure in the workplace limited and controlled

Respiratory protection: Generally, only required if ventilation is not adequate.

Hand Protection: Chemical resistant protective gloves (example EN 374)

Eye Protection: Safety glasses with side-shields (frame goggles) (example EN 166)

Exposure to the environment limited and controlled:

Prevent material entering natural waterways and soils.

Further information for system design and engineering measures

Provide exhaust ventilation.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

- Form Liquid
- Colour White
- Odour Ammonical Odour
- pH value 7.5 – 9.5
- Auto-ignition temperature >300 °C
(for similar dried products)
- Bulk Density approx. 1000 grams/ litre
- Solubility in water dispersable
- Thermal Composition >250 °C
(for similar products)

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

No hazardous reactions when handled as prescribed in normal industrial situations. Material is not immediately corrosive to metals and the oxidizing properties are not fire propagating.

Chemical Stability

This product is stable when stored and handled as prescribed in this Safety Data Sheet.

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Hazardous Decomposition Products Thermal decomposition will not occur if used correctly. Carbon dioxide, carbon monoxide hydrocarbon by-products and nitrogen oxides may occur in case of fire.

SECTION 11 – TOXICOLOGICAL INFORMATION

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Acute Toxicity

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, acute toxic effects are not expected after a single oral exposure.

Route of exposure	Oral
Result/ Effect	LD50:>2000mg/Kg
Species/ Test System	Rat
Source	Conclusion by analogy OECD 423

Skin Corrosion/ Irritation

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a clinically relevant skin irritation hazard is not expected.

This product contains a mixture of CIT/MIT (5- chloro-2-methyl-4-isothiazolin-3-one and 2-methyl- 4-isothiazolinone) in a 3:1 ratio (at levels below the mandatory labelling requirements) and may in very rare cases produce an allergic reaction, however, due to the low levels, sensitization is not expected to occur.

Route of exposure	Dermal
Result/ Effect	Not irritating
Species/ Test System	Rabbit
Source	Conclusion by analogy OECD 404

Serious eye damage/ eye irritation

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a clinically relevant eye irritation hazard is not expected.

Route of exposure	Eye
Result/ Effect	Not irritating
Species/ Test System	Rabbit
Source	Conclusion by analogy OECD 405

Respiratory or skin sensitization

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a sensitization reaction is not expected from this product.

Route of exposure	Dermal
Result/ Effect	Not sensitizing
Species/ Test System	Mouse LLNA
Source	Conclusion by analogy OECD 429

Germ cell mutagenicity

This product has not been tested. Based on the available data, usage history and information at time of this revision from products and substances of similar structure and composition as well as physical form, a significant mutagenic potential may be excluded.

Result/ Effect	Negative
Species/ Test System	Mutation assay (in vitro) bacterial cells.
Source	Conclusion by analogy OECD 471

Carcinogenicity

No toxicological test data is available for the whole product, however, none of the residual components in this product at concentrations greater than 0.1% is listed or classified by IARC (International Agency for Research on Cancer) as a carcinogen at the time of this revision.

Reproductive toxicity

No toxicological test data available for the whole product.

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Specific target organ toxicity (single exposure)

No toxicological test data available for the whole product.

Aspiration Hazard

No aspiration exposure expected based on the physiochemical nature of the product and based on the available information and data at time of this revision.

Further toxicological information

No health effects expected if handled as recommended with suitable precautions based on past experience of manufacture and use.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity

No expected damaging effects to aquatic organisms expected based on the physiochemical nature and raw materials of this product. Small levels of APEO based surfactants in this product may have to be considered in certain disposal situations. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Assessment: The product can be virtually eliminated from water by abiotic processes E.G. absorption onto activated sludge. The product is not readily biodegradable.

Bio accumulative potential

No adverse effects expected

Mobility in soil

No adverse effects expected

Other adverse effects

No adverse effects expected

Additional information

Do not release untreated product into natural waters. The local regulations on waste-water treatment must be followed.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods

- Product must be dumped or incinerated in accordance with local regulations.
- Wet sludge must be treated in appropriate waste water treatment plants according to local regulations.
- Empty containers of the dried product may be disposed to landfill, incinerated, or where applicable recycled.
- Observe national and local legal requirements.

SECTION 14 – TRANSPORT INFORMATION

UN number; UN Proper shipping name; Transport Hazard class; Packing group:

Road ADR	Not regulated for transport
Railway RID	Not regulated for transport
IMDG Sea code	Not regulated for transport
Air Transport	Not regulated for transport

Environmental hazards

Not classified as hazardous under transport regulations.

Special precautions

Listed in other relevant sections in this SDS

SECTION 15 – REGULATORY INFORMATION

Safety, health and environmental regulations/ legislation specific for this substance or mixture

National and local regulations must be observed

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Details of international registration status

Australia	AICS (listed)
Japan	ENCS (listed/complies)
USA	TSCA (listed/complies)
Canda	DSL (listed/complies)

SECTION 16 – OTHER INFORMATION

Contact Person/ Point	FOR EMERGENCIES ONLY CONTACT	: Australia	: 000
	POISONS INFORMATION CENTRE	: Australia	: 131 126
		: New Zealand	: 0800 764 766

Issue Date	18/11/2025
Revision Date	20/11/2030
Version	04

Additional Information

Key/ Legend to abbreviations and acronyms used in the SDS

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
ATE	Acute Toxicity Estimates
BEI®	Biological exposure indices (BEI) are values used for guidance to assess biological monitoring results. With respect to chemical exposure, biological monitoring is the measurement of the concentration of a chemical marker in a human biological media that indicates exposure. They are not developed for use as legal standards.
Carcinogen Category Number	<ol style="list-style-type: none">1. Established human carcinogen2. Probably human carcinogen3. Substances suspected of having carcinogenic potential
Code AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
EPG	Emergency Procedure Guide (superseded by IERG)
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HCIS	The Hazardous Chemical Information System (HCIS) is a database of information on chemicals that have been classified in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). HCIS replaces the previous Hazardous Substance Information System (HSIS).
HSIS	HSIS is a database of information on substances classified in accordance with Australia's previous hazardous substance classification system, the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)].
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IERG	HB 76-2004 Dangerous goods - Initial Emergency Response Guide
IMDG	International Maritime Dangerous Goods. A uniform code for transport of dangerous goods at sea.
LEL	lower flammable (explosive) limits in air;
LD50	Lethal Dose sufficient to kill 50% of test population
NIOSH	National Institute for Occupational Safety and Health the United States federal agency responsible for conducting research and making recommendations for the prevention of work-related injury and illness.
NOAEL	No Observed Adverse Effect Level
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')
TCLo	Toxic Concentration Low
TDL0	Toxic Dose Low : lowest dosage per unit of bodyweight (typically stated in milligrams per kilogram) of a substance known to have produced signs of toxicity in a particular animal species.

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TLV	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.
TWA	(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. These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
SAFEWORK	Independent statutory agency with primary responsibility to improve occupational health and safety and workers' compensation arrangements across Australia.
STEL	(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
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UEL	upper flammable (explosive) limits in air;
UN Number	United Nations Number
VOC	Volatile Organic Content - defined as : 'any chemical compound based on carbon chains or rings with a vapour pressure greater than 0.1mm of mercury (Hg) or 0.0135Kpa at 25°C. This definition excludes reactive diluents, which are designed to be chemically bound into the cured film. It also includes all constituents >0.5% by volume of formulation, which are organic compounds with a boiling point < 250°C.'

Literature references.

Sources for data.

Safety Data Sheets from Suppliers
Hazardous Chemical Information System (HCIS) - ASCC Australia (on-line) GHS (Globally Harmonised System of Substance Classification & Labelling) REACH (European Chemical Substance Information System)
ADG Code Ed 7.7
SUSMP No 34

SECTION 17 – DISCLAIMER

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since CONCORD SEALERS cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact CONCORD SEALERS at the contact details on page 1. CONCORD SEALERS responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request. CONCORD SEALERS 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