



Section 1. Identification

GHS product identifier : **CYH 500 – Hydrophobic PU**
Product type : Liquid

Relevant identified uses of the substance or mixture and uses advised against: not applicable

Supplier / Manufacturer : Concrete Protection Pty Ltd
155 Barkly Avenue
Burnley, Victoria. 3121
Australia
Telephone no. : + 61 3 9429 3377
Email : info@conpro.com.au
Emergency telephone no. : + 61 13 11 26
Email address. : info@conpro.com.au

Section 2. Hazards Identification

Classification of the substance or mixture : Flammable liquids – Category 4
Acute toxicity (inhalation) – Category 4
Skin Corrosion / irritation – Category 2
Respiratory sensitivity – Category 1
Specific target organ toxicity – single exposure – Category 3
Long term Aquatic hazard – Category 2

GHS Label elements

Hazard pictograms : 

Signal word : Danger
Hazard statements : H227 Combustible liquid
H315 Causes skin irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation

Precautionary Statements

General : Read label before use. Keep out of reach of children.
If medical advice is needed, have product container or label at hand.



- Prevention** :
- P201 Obtain special instructions before use.
 - P202 Do not handle until all safety precautions have been read and understood
 - P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 - P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray
 - P272 Containment work clothing should not be allowed out of the workplace.
 - P280 Wear protective gloves/ eye protection/ face protection.
 - P281 Use personal protective equipment as required.
 - P285 In case of inadequate ventilation wear respiratory protection.
- Response** :
- P302 + P352 IF ON SKIN: Wash with plenty of soap & water.
 - P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/ physician if you feel unwell.
 - P333 + P313 If skin irritation or rash occurs: get medical advice / attention.
 - P363 Wash contaminated clothing before reuse.
 - P370 + P378 in case of fire: Use dry sand, dry chemicals or alcohol-resistant foam for extinction.
- Storage** :
- P405 Store locked up
- Disposal** :
- P501 Dispose of contents/ container to an approved plant
- Other hazards which do not result in classification** :
- No signal word

Section 3. Composition / information on ingredients

Substance / mixture : Mixture
Other means of identification: Not available

CAS number / other identifiers

CAS number : Not applicable
EC number : Mixture
Product Code : 000000

Ingredient name	%	CAS number
Methylenediphenyl Diisocyanate	<30%	26447-40-5
	<30%	101-68-8
Isomers and homologues	<10%	9016-87-9



There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

Section 4. First-aid measures

Description of necessary first aid measures

- General advice** : Move out of dangerous area.
Consult a physician
Show this safety data sheet to the doctor in attendance.
- Eye contact** : Immediate flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin Contact** : Flush contaminated skin with plenty of water.
Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water.
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms / effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards
- Inhalation** : No known significant effects or critical hazards
- Skin Contact** : No known significant effects or critical hazards
- Ingestion** : No known significant effects or critical hazards

Over-exposed signs / symptoms

- Eye contact** : No specific data
- Inhalation** : No specific data
- Skin Contact** : No specific data
- Ingestion** : No specific data

Indication of immediate medical attention and special treatment needed, if necessary



- Notes to Physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment
- Protection of first-aiders** : no action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: Carbon Dioxide (CO₂)

Unsuitable extinguishing media: Water

Specific hazards arising

from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal

decomposition products : Decomposition products may include the following materials:

- Carbon dioxide
- Carbon monoxide
- Metal oxide / oxides

Special protective actions

for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective

equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage,



take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored or processed. Workers should wash hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.



**Conditions for safe
Storage, including any
Incompatibilities**

: Store in accordance with local regulations.
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls / personal protection

Control parameters

Occupational exposure limits: none

**Appropriate engineering
controls**

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants

**Environmental exposure
controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers. Filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, drinking, smoking and using the lavatory and at the end of the working period.
Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye / face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.



Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and Chemical properties

Appearance

- Physical state** : Liquid
- Colour** : Dark Brown
- Odour** : Characteristic
- Odour threshold** : Not available
- pH** : Not available
- Melting point** : Not available
- Boiling point** : Not available
- Flash Point** : Closed cup: (62° C)
- Burning time** : Not applicable
- Burning rate** : Not applicable
- Evaporation rate** : Not available
- Flammability (solid, gas)** : Not available
- Lower and upper explosive (Flammable) limits** : Not applicable
- Vapour pressure** : Not applicable
- Vapour density** : Not available
- Density** : 1.06 g/cm³ (23° C)
- Solubility** : Not available
- Solubility in water** : Not available



Partition coefficient;
n- octanol / water : Not available
Auto-ignition temperature : Not applicable
Decomposition temperature: Not available
SADT : Not available
Viscosity : Not available

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available
Chemical stability : The product is stable

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur

Conditions to avoid : No specific data
Incompatible materials : No specific data

Hazardous decomposition Products' : Under normal conditions of storage and use, hazardous decomposition should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity : Harmful if inhaled
Irritation / Corrosion : Not available
Sensitisation : Not available
Mutagenicity : Not available
Carcinogenicity : Not available
Reproductive toxicity : Not available
Teratogenicity : Not available

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
		Not applicable	

Specific target organ toxicity (repeated exposure)

Not available

Aspiration hazard

Name	Result
	1



Information on the likely routes of exposure : Not available

Potential acute health effects

Eye contact : No specific data
Inhalation : No specific data
Skin contact : No specific data
Ingestion : No specific data

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data
Inhalation : No specific data
Skin contact : No specific data
Ingestion : No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available

Potential delayed effects : Not available

Long term exposure

Potential immediate effects : Not available

Potential delayed effects : Not available

Potential chronic health effects

General : No specific data
Carcinogenicity : No specific data
Mutagenicity : No specific data
Teratogenicity : No specific data
Developmental effects : No specific data
Fertility effects : No specific data

Numerical measures of toxicity

Acute toxicity estimates : Not available

Section 12. Ecological information



Toxicity : Not available

Persistence and degradability : Not available

Bioaccumulative potential : Not available

Mobility in soil

Soil / water partition Coefficient (K_{oc}) : Not available

Other adverse effects : No specific data

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licenced waste disposal contractor. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADG	UN 3082	Environmentally hazardous liquid	9	III	9	-
ADR			-	-		-
IMDG	UN 3082	As above	9	III	9	-
IATA	As above	As above	9	III	9	-

PG* : Packing group

Section 15. Regulatory information



Safety, health and environmental regulations specific for the product

: No known specific national and/or regional regulations applicable to this product

Standard Uniform Schedule of Medicine and Poisons

Not regulated

Control of Scheduled Carcinogenic Substances

Australian inventory (AICS): All components are listed or exempted

EU Classification : R10
Xn; R20/21
Xi; R38

HCS Classification : Carcinogen, target organ effects
Flammable Liquid, Irritating material

Section 16. Other information

History

Date of Printing : 28/2/2020
Date of issue /
Date of revision : 28/2/2020
Date of previous issue : No previous validation
Version : 1

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of classification
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Marine Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (Marpol = marine pollution)
UN = United Nations

Notice to reader

SDS – Safety Data Sheets (formerly MSDS) are updated frequently, please ensure you have a current copy. SDS's are available from the website: www.conpro.com.au

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current conditions of sale apply. Please consult the product data sheet or brochure prior to any product use and processing.