

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Form: Mixture

Product Name: **AcraCoatz WB™**

1.2 Intended Use of the Product

Use of the Substance/ Mixture: Sealer

1.3 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

2.1 Classification of the Substance or Mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th Edition)

Flammable Liquids: Category 3

Acute Toxicity – Dermal: Category 4

Acute Toxicity – Inhalation: Category 4

Skin Corrosion/ Irritation: Category 2

STOT Single Exposure: Category 3 (Respiratory tract irritation)

2.2 Label Elements

GHS Labeling

Hazard Pictograms (GHS) :



Signal Word (GHS) : Warnin

Hazard Statements(GHS) : **H317** - May cause an allergic skin reaction.

Precautionary Statements (GHS) : **P261** - Avoid breathing vapors, mist, or spray.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - If on skin: Wash with plenty of water.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

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2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS)

No data available

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%	GHS US Classification
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	(CAS-No.) 25265-77-4	5.2	Aquatic Acute 3, H402
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS-No.) 41556-26-7	0.08 – 0.11	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Polypropylene glycol	(CAS-No.) 25322-69-4	0.1	Not classified
3(2H)-Isothiazolone, 2-methyl-	(CAS-No.) 2682-20-4	0.04	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of hazard classes and H-statements: see section 16

SECTION 4 – COMPOSITION/ INFORMATION ON INGREDIENTS

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice

(show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical

attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with

water for at least 15 minutes. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Skin sensitization.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin

reaction. **Symptoms/Injuries After Eye Contact:** May cause slight

irritation to eyes. **Symptoms/Injuries After Ingestion:** Ingestion may

cause adverse effects. **Chronic Symptoms:** None expected under normal

conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

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SECTION 5 – FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective, but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising from the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Sulfur oxides. Styrene. Volatile organic compound (VOC) petroleum hydrocarbon vapors. Hydrogen sulfide.

Other Information: Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections

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

SECTION 7 – HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. May release small amounts of hydrogen sulfide. Hydrogen sulfide is a highly flammable, explosive gas under certain conditions, is a toxic gas, and may be fatal. Gas can accumulate in the headspace of closed containers, use caution when opening sealed containers. Heating the product or containers can cause thermal decomposition of the product and release hydrogen sulfide.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not handle until all safety precautions have been read and understood. Do not

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breathe mist, spray, vapors. Obtain special instructions before use. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharge. Use only non-sparking tools.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatible Materials: Oxidizing agent. Acids.

7.3. Specific End Use(s)

Sealer

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Exposure Controls

Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment:

Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for protective clothing:

Chemically resistant materials and fabrics. Wear fire/flamm resistant/retardant clothing.

Hand Protection:

Wear protective gloves.

Eye and Face Protection:

Chemical safety goggles.

Skin and Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information:

When using, do not eat, drink or smoke.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

- **Physical State:** Liquid
- **Appearance:** Clear
- **Odor:** Strong Aromatic
- **Odor Threshold:** No data available
- **pH:** No data available
- **Evaporation Rate:** No data available
- **Melting Point:** No data available
- **Freezing Point:** No data available
- **Boiling Point:** 163.33 °C (325.99 °F)
- **Flash Point:** 42.2 °C (107.96 °F) Tag Closed Cup
- **Auto-ignition Temperature:** No data available
- **Decomposition Temperature:** No data available
- **Flammability (solid, gas):** Not applicable
- **Vapor Pressure:** No data available

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- **Relative Vapor Density at 20°C:** No data available
- **Relative Density:** No data available
- **Specific Gravity:** 0.88
- **Solubility:** Water: Insoluble
- **Partition Coefficient:** N-Octanol/Water: No data available
- **Viscosity:** No data available

9.2. **Other Information** No additional information available

SECTION 10 – STABILITY AND REACTIVITY

10.1. Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

10.2. Chemical Stability: Flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

10.5. Incompatible Materials: Oxidizing agent. Acids.

10.6. Hazardous Decomposition Products: Thermal decomposition generates: Hydrogen sulfide and sulfur oxides. Sulfur oxides

and hydrogen sulfide are toxic.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)

LD50 Oral Rat 1310 mg/kg

Benzene, 1,2,4-trimethyl- (95-63-6)

LD50 Oral Rat 6000 mg/kg

LD50 Dermal Rabbit..... > 3160 mg/kg

LC50 Inhalation Rat 18 g/m³ (Exposure time: 4 h)

LC50 Inhalation Rat 10.8 mg/l/4h

Solvent naphtha, petroleum, light aromatic (64742-95-6)

LD50 Oral Rat 8400 mg/kg

LD50 Dermal Rabbit > 2000 mg/kg

LC50 Inhalation Rat 3400 ppm/4h

Polyethylene glycol (25322-68-3)

LD50 Oral Rat 22 g/kg

LD50 Dermal Rabbit..... > 20 g/kg

Xylenes (o-, m-, p- isomers) (1330-20-7)

LD50 Oral Rat > 5000 mg/kg

ATE (Dermal) 1,100.00 mg/kg body weight

ATE (Vapors)..... 11.00 mg/l/4h

Ethylbenzene (100-41-4)

LD50 Oral Rat 3500 mg/kg

LD50 Dermal Rabbit..... 15400 mg/kg

LC50 Inhalation Rat 17.2 mg/l/4h (Exposure time: 4 h)

Isopropylbenzene (98-82-8)

LD50 Oral Rat 2260 mg/kg

LD50 Dermal Rabbit..... 10000 mg/kg

LC50 Inhalation Rat 9.83 mg/l/4h

LC50 Inhalation Rat > 3577 ppm (Exposure time: 6 h)

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

LD50 Oral Rat 2615 mg/kg

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

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Xylenes (o-, m-, p- isomers) (1330-20-7)

IARC group3

Ethylbenzene (100-41-4)

IARC group2B

National Toxicology Program (NTP) StatusEvidence of Carcinogenicity.

OSHA Hazard Communication Carcinogen List ...In OSHA Hazard Communication Carcinogen list.

Isopropylbenzene (98-82-8)

IARC group2B

National Toxicology Program (NTP) StatusEvidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen.

OSHA Hazard Communication Carcinogen List ...In OSHA Hazard Communication Carcinogen list.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness,

and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. Suspected of damaging fertility or the unborn child. May cause genetic defects.

SECTION 12 – ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General Toxic to aquatic life with long lasting effects.

Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)

LC50 Fish 1 11.6 mg/l

Benzene, 1,2,4-trimethyl- (95-63-6)

LC50 Fish 1 7.19 (7.19 - 8.28) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

EC50 Daphnia 1 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Solvent naphtha, petroleum, light aromatic (64742-95-6)

LC50 Fish 1 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

EC50 Daphnia 1 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Xylenes (o-, m-, p- isomers) (1330-20-7)

LC50 Fish 1 3.3 mg/l

EC50 Daphnia 1 3.82 mg/l (Exposure time: 48 h - Species: water flea)

LC50 Fish 2 2.661 (2.661 - 4.093) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

NOEC Chronic Crustacea 1.17

Ethylbenzene (100-41-4)

LC50 Fish 1 11.0 - 18.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus Mykiss [static])

EC50 Daphnia 1 1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)

LC50 Fish 2 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi static])

NOEC Chronic Crustacea 0.956 mg/l

Isopropylbenzene (98-82-8)

LC50 Fish 1 6.04 - 6.61 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

LC50 Fish 2 4.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow through])

EC50 Daphnia 2 7.9 - 14.1 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

NOEC Chronic Crustacea 0.35 mg/l

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NOEC Chronic Algae.....	0.22 mg/l
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
LC50 Fish 1.....	0.97 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

12.2. Persistence and Degradability

ACRACOATZ

Persistence and Degradability May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

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Bioaccumulative Potential..... Not established.

Benzene, 1,2,4-trimethyl- (95-63-6)

Log Pow 3.63

Xylenes (o-, m-, p- isomers) (1330-20-7)

BCF Fish 1 0.6 (0.6 - 15)

Log Pow 2.77 - 3.15

Ethylbenzene (100-41-4)

BCF Fish 1 15

Log Pow 3.2

Isopropylbenzene (98-82-8)

BCF Fish 1 35.5

Log Pow 3.7

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

Log Pow 0.37 (at 25 °C)

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15 – REGULATORY INFORMATION

AcraCoatz WB™

SARA Section 311/312 Hazard Classes Health hazard - Respiratory or skin sensitization

2,2,4-Trimethylpentane-1,3-diol monoisobutyrate (25265-77-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Polypropylene glycol (25322-69-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

3(2H)-Isothiazolone, 2-methyl- (2682-20-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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EPA TSCA Regulatory Flag

PMN - PMN - indicates a commenced PMN substance.
SP - SP - indicates a substance that is identified in a proposed
Significant New Uses Rule.

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16 – OTHER INFORMATION

Issue Date	19/02/2023
Revision Date	18/02/2028
Version	04

GHS Full Text Phrases:

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Dermal).....	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1.....	Hazardous to the aquatic environment - Chronic Hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 4	Flammable liquids Category 4
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H227	Combustible liquid
H301	Toxic if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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