

MATERIAL SAFETY DATA SHEET



Sil-iCon CLEAR COAT #1

Version 1.2 SDS DL Revision Date 1/03/2026 Print Date 1/03/26

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Sil-iCon - CLEAR COAT #1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance

Chemical family: Modified Silicone

1.3 Details of the supplier of the safety data sheet

Company : Composite Packaging P/L t/as AA Gilberts

Telephone : +61444568646

WhatsApp : +61444568646

Web : aagilberts.au

Address: Unit 1, 32 Aquarium Ave. Hemmant Q4174. Australia

1.4 Emergency telephone number +61415389644 (8-17 h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification:

Skin Irritation – Category 2

Eye Irritation – Category 2B

Respiratory Sensitization – Category 1

Skin Sensitization – Category 1B

Reproductive Toxin – Category 2

Specific Target Organ Toxicity – Single Exposure Category 3

Specific Target Organ Toxicity – Repeated Exposure Category 2

2.2 Label elements: Danger



Labelling (REGULATION (EC) No 1272/2008)

Hazard Phrases

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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H320 Causes eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to respiratory system through prolonged or repeated exposure.

Precautionary Phrases

P203 Obtain, read, and follow all safety instructions before use.

P260 Do not breathe fumes, vapors, mists, or sprays.

P264 Wash thoroughly with soap and water after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated clothing should not be allowed out of the workplace.

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

P284 In case of inadequate ventilation, wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P318 IF exposed or concerned, get medical advice.

P319 Get medical help if you feel unwell.

P333+P317 If skin irritation or rash occurs: Get medical help.

P337+P317 If eye irritation persists: Get medical help.

P342+P316 If experiencing respiratory symptoms: Get emergency medical help immediately.

P362+P364 Take off contaminated clothing and wash before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

Supplemental Information: Individuals sensitized to isocyanates should discontinue use. Long-term overexposure to isocyanates may cause lung damage. This is one part of a two-part system. Read and understand the hazard information on Side "B" before using.

SECTION 3: Composition/information of ingredients

3.2 Mixtures

Chemical nature: Modified epoxy resin

Common Names/Synonyms: Epoxy Resin, Epoxy Coating, Novolac Epoxy, Two-part Epoxy

CAS Numbers and other Identifiers:

Epoxy resin

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Chemical Name	CAS No.	Concentration (%)
Modified Silicone	112926-00-8	92
Water	7732-18-5	7
Catalysts (e.g., Dibutyltin Dilaurate)	77-58-7	<0.5
Trade Secret		0.1-1

SECTION 4 :First aid measures

4.1

Inhalation: discomfort can breathe fresh air at the ventilation.

Skin contact: Wash skin with lotion or soapy water, cause skin allergies should stop contact and seek medical help.

Into the eyes: as soon as possible with plenty of water rinse for 15 minutes, still feel discomfort, please seek medical help.

Eating: Immediately induce vomiting and send it to the hospital for treatment;

4.2 Signs of immediate medical attention and special treatment:

no information available.

SECTION 5:Firefighting measures

5.1 Extinguishing media:

Form, sand,Carbon dioxide (Co2) , water mist.

Unsuitable extinguishing media: Water spray jet

5.2 Special hazards arising from the substance or mixture:

Special hazards during fires :

- 1.Under high temperature, the pressure inside the sealed container will increase.
- 2.Cool closed containers exposed to fire with water spray.

5.3 Advice for firefighters

1.Special protective equipment or firefighters: In the event of a fire, wear self-contained breathing apparatus and use personal protective equipment.

2.Further information: Do not inhale fumes in the event of fire or explosion. Use fire-fighting measures appropriate to the local environment and the Victorian environment.

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Immediately evacuate personnel to a safe area. To prevent fire water from contaminating the surface water system, fire residues and contaminated fire water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

6.1 Personal precautions:

1. Refer to the protective measures listed in Articles 7 and 8.
2. Disperse personnel into a safe area.
3. Use personal protective equipment.
4. Ensure adequate ventilation.

6.2 Environmental precautions

1 If there is a large amount of gas leaking or entering the waterway, soil or drain, it should be notified to the relevant government departments.

2. Do not allow products to be discharged into the environment uncontrolled.

6.3 Methods and materials for separation and cleaning:

Cleaning method:

1. Soak with inert absorbent material (sand, silica gel, acid binder, universal adhesive, etc.).
2. Contain spillage, then collect with non-combustible ab-type adsorbent material (sand, earth, diatomaceous earth, silver mud mica), place in a container, and dispose of it according to local national regulations (see Section 13). Go to the container labeled with the appropriate label.

6.4 Refer to other sections:

See section 8 for personal protection.

SECTION 7: Handling and storage

7.1 Safety Handling Precautions:

1. Provide adequate air exchange or exhaust in the workroom.
2. Avoid inhalation, ingestion / eye/skin contact for a long time.
3. Anyone with a history of skin allergies or asthma, chronic or recurrent respiratory disease should not use the product in any location.

Fire and explosion protection recommendations: Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures: Provide adequate ventilation and wash hands immediately before and after using this product.

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7.2 Safe storage conditions, including any incompatibilities

Use in a well-ventilated place, prohibit the use of this product in high heat, freezing, sparks, flame
Body and clothing in direct contact.

Storage: cool and dry place to save, pour out the glue can not be back to the original container.

Other data: areas where normal temperature and pressure are stable.

SDB GB SECTION 8: Exposure controls/personal protection

Occupational Exposure Limits: For MDI:

OSHA PEL 0.02 ppm (C)

ACGIH TLV 0.005 ppm TWA; 0.02 ppm STEL

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: If needed (i.e., ventilation is inadequate), use a NIOSH-approved air-purifying, tight-fitting, half-face respirator with organic vapor cartridges. Respirator selection and use should be based on contaminant type, form and concentration. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety goggles/glasses.

Other Protective Measures: Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash and washing facility should be available in the work area. Follow good Industrial Hygiene practices.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties :

Appearance : liquid

Colour : Transparent

Odour : No

Odour Threshold: not determined

pH: not determined

Melting point/freezing point: not determined

Boiling point/boiling range : 269° C

Flash point: 269° C

Evaporation rate: not determined

Upper explosion limit: not determined

Lower explosion limit: not determined

Vapour pressure: not determined

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Relative vapour density: not determined

Density : 1,15 g/cm³ (25 °C)

Bulk density : not determined

Solubility (ies)

Solubility in other solvents : not determined

Partition coefficient: n- : octanol/water : No data available

Auto-ignition temperature : Not applicable

Thermal decomposition : Not applicable :

Method: No data available

Viscosity : 1000-2000mPa.s (25 °C)

Viscosity, kinematic: not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

9.2 Other information

Surface tension : Not determined

Sublimation point: Not applicable

SECTION 10: Stability and reactivity

Reactivity: Diisocyanates react with many materials and the rate of reaction increases with temperature. Reaction with water generates carbon dioxide and heat.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: Elevated temperatures can cause hazardous polymerization. Polymerization can be catalyzed by strong

bases or water. Reaction with water generates carbon dioxide, and results in heat and pressure buildup in closed systems.

Conditions to Avoid: Avoid moisture and temperatures below 55°F (13°C) and above 95°F (35°C) to protect product integrity.

Incompatible Materials: Avoid contact with water, acids, bases, alcohols, strong oxidizers, and some metals (e.g., aluminum, zinc, brass, tin, copper)

Hazardous Decomposition Products: Possibly isocyanate vapor, carbon monoxide, nitrogen oxides, and traces of hydrogen cyanide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Eye Contact: Causes eye irritation.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Inhalation: May cause respiratory irritation.

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Ingestion: None known.

Chronic Health Effects: Repeated or prolonged exposure to isocyanates may cause an allergic sensitization of the respiratory tract causing an asthma-like response upon re-exposure. Repeated overexposure to isocyanates has been associated with decreased lung function. Repeated or prolonged dermal contact with this product may cause allergic skin sensitization in some individuals.

Acute Toxicity Values: For MDI:

Oral LD50 (rat): >2,000 mg/kg

Dermal LD50 (rabbit): >9,400 mg/kg

Inhalation LC50 (rat): 2.0 mg/L/4hr (aerosol)

Respiratory Sensitization: Components are classified as respiratory sensitizers.

Skin Sensitization: Components are classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not classified as carcinogens.

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

Specific Target Organ Toxicity: May damage the respiratory system through prolonged or repeated exposure.

SECTION 12: Ecological information

Additional Information: Amines in general may be harmful to aquatic organisms.

Aquatic Toxicity: No further relevant information available

Persistence and Degradability: No further relevant information available.

Biocumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

12.2 Persistence and degradability

Product

Biodegradability : Remarks: No data available

Components :

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700):

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Biodegradability :

Result: Not readily biodegradable. Method: OECD Test Guideline 301F

GLP: yes

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

No data available

SECTION 13: Disposal considerations

Waste Disposal Method: Dispose of in accordance with federal, state and/or local regulations

Recommendations: Cured product may be disposed of together with household garbage

SECTION 14: Transport information

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Hazard Class under:

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Marine Pollutant: Non-hazardous for transport

Notes: Not regulated under DOT, ADR, AND, IMDG, IATA

SECTION 15: Regulatory information

Occupational Safety and Health Act (OSHA):

This Safety Data Sheet (SDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200(g). This product is not considered to be a hazardous chemical under that standard.

TRALHAMA:

This Safety Data Sheet (SDS) has been prepared in compliance with Toxicological Risk Assessment report # 5118-334-0103A/B which determined that: "the product is not considered to be toxic (acute/chronic), corrosive, and/or a strong sensitizer when used as intended or under circumstances involving reasonably foreseeable misuse.

The classification of hazards are as defined in the 16 CFR 1500.3 (b) (5) , (7)-(9) (FHSA regulations)."

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Resource Conservation and Recovery Act (RCRA):

Not a hazardous waste under RCRA (40 CFR 261).

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX).

SARA Title III: Section 304 - CERCLA: Not listed.

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does NOT contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40 CFR 372). This information must be included in all SDSs that are copied and distributed for this material.

Proposition 65 (Safe Drinking Water and Toxic Chemicals Act): None of the components of this formula are known to the state of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: Other information

The SDS is based on the new OSHA HCS requirements for chemical manufacturers that came into effect in June 2015. The product passed the Food Simulated Solvent Extraction (FSSE) test. This product complies with ASTM D4236. Revision date: April 2019 - All rights reserved. SDS prepared according to Regulation (EC) No. 1907/2006