

SAFETY DATA SHEET

PCPSIL-100 All Purpose Silicone Sealant - Colors

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Chemical Product:

PCPSIL-100 All Purpose Silicone Sealant - Colors

Manufacturer:

Premium Construction Products

For Information Call: 1800 885 510

2. COMPOSITION / INFORMATION ON INGREDIENT

DESCRIPTION:

Fluid mixture of PDMS, fillers and cross-linking agents

Hazardous products:

CAS- No	Chemical Name	Nond %
63148-60-7	Hydroxy-Temmed Dimethyl Siloxane	36 ~40
63148-62-9	Silicone Oil	8~10
471-34-1	Nano-Calcium Carbonate	43~46
22984-54-9	Methyltris (Methyl ethyl ketoxime) Silane	<4
2224-33-1	Vinyltris (Methyl ethyl ketoxime) Silane	<2
919-30-2, 2530-83-8,	Functional Silica	<0.8
77-58-7, 3648-18-8, 78-04-6	Organometallic Compound	<0.05

3. HAZARDOUS IDENTIFICATION

GHS Classification

Serious eye damage/eye irritation : Category 1

Skin sensitisation : Category 1

GHS label elements Hazard pictograms :



CAS-No	Chemical Name	%
96-29-7	Butanone Oxime	>0.1, <1
556-67-2	Octamethylcyclotetrasiloxane	>0.1, <1



PCP
PREMIUM CONSTRUCTION PRODUCTS

Add: Unit 9 / 4 Computer Road, Yatala 4207, Queensland

Tel: 1800 885 510

www.pcpaus.com.au

SAFETY DATA SHEET

PCPSIL-100 All Purpose Silicone Sealant - Colors

Acute

Eye: Direct contact may cause mild irritation.
Skin: No significant irritation is expected from a single, short-term exposure.
Inhalation: Vapor overexposure may cause drowsiness.
Oral: Ingestion presents a low hazard under normal use conditions

Prolonged/Repeated Exposure Effects

Eye: Repeated or prolonged exposure may cause irritation.
Inhalation: No relevant information.
Oral: Repeated ingestion or swallowing large amounts may cause internal injury.

Signs and Symptoms of Overexposure

No relevant information.

Medical Conditions Aggravated by Exposure

No relevant information.

4. FIRST AID MEASURES

General advice :	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
Eye:	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
Skin:	No first aid is generally needed.
Oral:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.
Notes to physician :	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable.
Autoignition Temperature:	No data available.
Flammability Limits in Air:	No data available.
Extinguishing measures:	For large fires, use dry chemical agents, foam, or water spray. For small fires, use carbon dioxide (co2), dry chemical agents, or water spray. Water can also be used to cool containers exposed to fire.
Fire Fighting measures:	Utilize a self-contained breathing apparatus and wear protective clothing when addressing large fires involving chemicals; Evaluate the necessity of evacuation or isolation of the area in accordance with your local emergency response plan; Employ water spray to maintain the temperature of containers exposed to fire.
Hazardous decomposition products:	Thermal decomposition of this product under fire or very high heat conditions may release hazardous decomposition products, including carbon oxides and traces of incompletely burned carbon compounds, nitrogen oxides, silicon dioxide, formaldehyde, metal oxides, sulfur oxides, iodine compounds, and quartz.

SAFETY DATA SHEET

PCPSIL-100 All Purpose Silicone Sealant - Colors

6. ACCIDENTAL RELEASE MEASURES

Containment/Clean up:

Observe all personal protection equipment recommendations outlined in Sections 5 and 8. Wipe up or scrape up the material and contain it for salvage or disposal. Clean the area thoroughly, as some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents, or detergents. Dispose of saturated absorbents or cleaning materials appropriately, as spontaneous heating may occur. Ensure compliance with local, state, and federal laws and regulations regarding the release and disposal of this material, as well as the materials and items used in the cleanup process. Determine which federal, state, and local laws and regulations apply, and refer to Sections 13 and 15 of this MSDS for information on specific federal and state requirements.

Note: See section 8 for Personal Protective Equipment for Spills.

7. HANDLING AND STORAGE

Ensure adequate ventilation when using this product, as it evolves flammable methyl alcohol when exposed to water or humid air. Ensure proper ventilation during use to maintain exposure levels within the guidelines specified in Section 8, or use air-supplied or self-contained breathing apparatus if necessary. Avoid contact with eyes and do not inhale vapors. Keep the container tightly closed and do not ingest any part of the product. Exercise reasonable care, store the product away from oxidizing materials, and keep the container sealed and protected from water or moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment

Eye:	Use appropriate protective equipment, including at a minimum, safety glasses.
Skin:	Wash skin thoroughly with soap and water after use.
Suitable gloves:	No particular protection needed.
Inhalation:	Use respiratory protection unless adequate local exhaust ventilation is in place or air sampling data indicate that exposures are within recommended exposure limits. Consult with Industrial Hygiene Personnel to assess the effectiveness of existing engineering controls.
Respiratory protection :	No special measures required. 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.
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. Follow AS/NZS 1337.1 Recommended: Butyl rubber/nitrile rubber gloves. Contaminated gloves should be removed.

SAFETY DATA SHEET

PCPSIL-100 All Purpose Silicone Sealant - Colors

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Paste
Color:	See productInformation
Odor:	Odorless
Specific Gravity @ 25°C:	1.02
Viscosity:	No data available.
Freezing/Melting Point:	No data available.
Boiling Point:	No data available.
Vapor Pressure @ 25°C:	No data available.
Vapor Density:	No data available.
pH:	No data available.
Volatile Content:	No data available. .

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Hazardous Polymerization:	No hazards to be specially mentioned.
Conditions to Avoid:	No data available .
Materials to Avoid:	Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not classified based on available information.
Skin corrosion/irritation :	Not classified based on available information.
Serious eye damage/eye irritation:	Causes serious eye damage.
Respiratory or skin sensitisation Skin sensitisation :	May cause an allergic skin reaction.
Respiratory sensitisation:	Not classified based on available information.

12. ECOLOGICAL INFORMATION

Environmental Effects and Distribution

The material is solid and insoluble in water, with no adverse environmental effects predicted.

Effects in Wastewater Treatment Plants

No adverse effects on wastewater treatment plants are predicted.

This table is adapted from "Environmental Toxicology and Risk Assessment," ASTM STP 1179, p.34, 1993. It can be used to classify the ecotoxicity of this product based on the ecotoxicity data provided above. Please review the additional information presented.



PCP
PREMIUM CONSTRUCTION PRODUCTS

Add: Unit 9 / 4 Computer Road, Yatala 4207, Queensland

Tel: 1800 885 510

www.pcpaus.com.au

SAFETY DATA SHEET

PCPSIL-100 All Purpose Silicone Sealant - Colors

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste?

No State or local laws may impose additional regulatory requirements regarding disposal.

14. TRANSPORT INFORMATION

Declaration for land shipment (ADR/RID):

No restrictions.

Declaration for sea shipment (IMDG):

No restrictions.

Declaration for shipment by air (ICAO-TI/IATA-DGR)

No restrictions.

Keep separated from foodstuffs

15. REGULATORY INFORMATION

No labeling is required in present situation.

16. OTHER INFORMATION

This data complements the technical data sheet for use but does not replace it. Any information contained herein is based on current knowledge and experience. The purpose of this safety data sheet is to outline the safety requirements of the product.

The data does not constitute a warranty regarding the properties of the products.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
