



SAFETY DATA SHEET

Prosil 41 LM Matt Neutral Silicone

Version 3
Issued: 27 April 2017

Section 1 - Identification of The Material and Supplier

Supplier	Admil Adhesives Pty Ltd
ABN	850 927 30562
Street Address	8 Treforest Drive Clayton VIC 3168 Australia
Telephone	+61 3 9558 6302
Facsimile	+61 3 9558 6305
Email	support@silicone.com.au
Website	www.silicone.com.au
Use of Substance / Preparation	Industrial Sealants
Trade Name	Prosil 41 LM Matt Neutral Silicone
Creation Date	7 July, 2016
This version issued	7 July 2016 and is valid for 5 years from this date.
Poisons Information Centre	Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

This product is classified as: XI, Irritating, Hazardous Chemical according to the criteria of SWA.
Non-Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

GHS Classification

Carcinogenicity Category 2

Serious Eye Damage/Eye Irritation Category 2/2A

Skin Sensitisation Category 1

GHS Label Elements

Hazard Pictogram(s)	
Signal Word	Warning
Hazard Statement	H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H351: Suspected of causing cancer.
Hazard Ingredients (Labelling)	2-Butanone oxime
Special Labelling Instructions	Contains methylbutanon-trioximo-silane, butanone oxime, Tris (ethyl methyl ketoximato) vinyl silane. May produce an allergic reaction.
Precautionary Statements	PREVENTION P102: Keep out of reach of children. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood.



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P261: Avoid breathing fumes, mists, vapours or spray.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash contacted areas thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P363: Wash contaminated clothing before reuse.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313: If exposed or concerned: Get medical advice.
P333+P313: If skin irritation or rash occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.

STORAGE

P410: Protect from sunlight.
P402+P404: Store in a dry place. Store in a closed container.
P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL

P501: Dispose of contents/container to an approved waste disposal plant (see Section 13 of this SDS).

ADG Classification

None allocated.
Not a Dangerous Good according to Australian.
Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number

None allocated

Other Hazards

During the use of the product, 2-butanone oxime (methyl ethyl ketoxime, MEKO, CAS No. 96-29-7) is generated, which evaporates.
2-butanone oxime is classified as a health risk.

Section 3 - Composition/Information on Ingredients

Substance / Mixture

Not applicable

Chemical Characteristics

Polydimethylsiloxane and fillers and auxiliaries and oximosilane cross-linker

Ingredients

EC-No.	CAS No.	Material	Content %
245-366-4	22984-54-9	Methyl-O,O',O"-butan-2-on-trioximo-silane	<5
202-496-6	96-29-7	2-Butanone oxime	<2
218-747-8	2224-33-1	Tris (ethyl methyl ketoximato) vinyl silane	<2
	67923-07-3	Polydimethylsiloxane with aminoalkyl groups	<2
Not available	Not available	Non Hazardous Ingredient	Remainder



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Section 4 - First Aid Measures

General Information	Move persons to a safe place. Observe self-protection for first aid. Seek medical advice (show label or SDS where possible).
After Inhalation	If unconscious place in stable sideways position. Protect against loss of body heat. Seek medical advice if significant exposure and clearly identify Substance.
After Skin Contact	Remove contaminated or soaked clothing. Immediately rinse thoroughly with soap and water. In serious cases, use emergency shower immediately. In the event of visible skin change other complaints, seek medical advice (show label or SDS where possible). Wipe off excess material with cloth or paper.
After Eye Contact	Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Take special care if exposed person is wearing contact lenses. Seek medical advice in case of continuous irritation.
After Ingestion	If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance. Most Important Symptoms
and Effects, both acute and delayed	Any relevant information can be found in other parts of this section
Advise to Doctor	Product may cause cancer. In the event of prolonged contact with the substance, long term monitoring of relevant parameters is advisable.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	In case of fire, use Water Mist, Extinguishing Powder, Alcohol-resistant foam, Carbon Dioxide, Sand and any measures that are appropriate to local circumstances and surrounding environment.
Extinguishing Media that Must Not Be Used for Safety Reasons	Water Jet
Special Hazards Arising from the Substance or Mixture	Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: carbon oxides, silicon oxides, nitrogen oxides, incompletely burnt hydrocarbons, toxic and very toxic fumes.
Advice for Firefighters	Use respiratory protection independent of recirculated air. Keep unprotected person away.



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Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Secure the area. Wear personal protection equipment. Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gasses/vapours/aerosols. If material is released indicate risk of slipping. Avoid walking through spilled material.
Environmental Precautions	Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks in to surface waters, sewerage or ground.
Methods and Material for Containment	Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.
Further Information	Exhaust vapours

Section 7 - Handling and Storage

Precaution for Safe Handling	Avoid exposure by technical measures or personal protective equipment. Ensure adequate ventilation. Must be syphoned off in situ. Observe information in section 8.
Precautions Against Fire and Explosion	Observe the general rules for fire prevention.
Conditions for Storage Rooms and Vessels	Observe local/state/federal regulations.
Advice for Storage of Incompatible Materials	Observe local/state/federal regulations.
Further information for Storage	Store in a dry and cool place. Protect against moisture. Store container in a well ventilated place.



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Section 8 - Exposure Controls and Personal Protection

Control Parameters	Maximum concentration at workplace recommended by producer: methyl ethyl ketoxime (MEKO, CAS no. 96-29-7, product of hydrolysis) = 3 ppm.
General Protection and Hygienic Measures	Avoid contact with eyes and skin. Do not inhale gasses/vapours/aerosols. Do not eat, drink, or smoke when handling. Wash hands at the end of work before eating.
Respiratory Protection	If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Select and use respirators in accordance with AS1715/1716.
Eye Protection	Eye protection such as protective glasses or goggles is recommended when this product is being used.
Hand Protection	Chemical-resistant, water-resistant gloves complying with an approved standard should be worn at all time when handling the material.
Skin Protection	Protective clothing
Exposure to Environment Limited and Controlled	Prevent material from entering surface waters, drains or sewers and soil.

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Section 9 - Physical and Chemical Properties

Appearance / Form	Paste
Colour	Black
Odour	Strong
Ph-Value	approx.. 7
Melting Point/Range	Not applicable
Boiling Point/Range	Not applicable
Flash Point	Not applicable
Lower explosion limit (LEL)	Not applicable
Vapour Pressure	Not applicable
Water Solubility/Miscibility	Virtually insoluble
Relative Gas/Vapour Density	No data known
Relative Density	1.34 - 1.38 (25 °C) (Water / 4 °C = 1,00)
Density	1.34 - 1.38 g/cm ³ (25 °C)
Partition coefficient: n-octanol/water	No data known
Ignition temperature	430 °C
Viscosity (dynamic)	Not applicable.
Autoignition temp	No data
Other Information	Solubility in water: Hydrolytic decomposition occurs.



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Section 10 - Stability and Reactivity

Reactivity, Chemical Stability and
Possibility of Hazardous Reactions No hazardous reactions are known if stored and handled in accordance with standard industrial practices.

Conditions to Avoid Moisture

Incompatible Materials None known

Hazardous Decomposition Products By hydrolysis: 2-butanone oxime. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

Section 11 - Toxicological Information

Acute Oral Toxicity LD50: > 2009 mg/kg
Acute Dermal Toxicity LD50: > 2009 mg/kg
Skin Corrosion/Irritation Not irritating
Serious Eye Damage/ Eye Irritation Not irritating
Respiratory or Skin Sensitization Not sensitizing

Germ Cell Mutagenicity No toxicological test data is available
Carcinogenicity No toxicological test data is available
Reproductive toxicity No toxicological test data is available
Specific target organ toxicity (single exposure) No toxicological test data is available
Specific target organ toxicity (repeated exposure) No toxicological test data is available.
Aspiration hazard No aspiration hazard must be expected based on the physical-chemical properties of the product.

Section 12 - Ecological Information

Toxicity No effects on aquatic organisms, relevant for classification, are expected.
Based on available information no adverse effects on water purification plants are expected.

Persistence and Degradability Silicone content: biologically not degradable.
Separation by sedimentation.

Bioaccumulative Potential Bioaccumulation is not expected to occur.

Mobility in Soil No test data available

Other Adverse Effects None known

Additional Information In cross-linked state not soluble in water.
Easily separable from water by filtration.



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Section 13 - Disposal Considerations

Waste Treatment Methods

Material	Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility.
Uncleaned Packaging	Completely discharge containers. Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

Section 14 - Transport Information

Land Transport ADG Code (Road and Rail)	Not regulated for transport
Transport by Sea IMDG Code	Not regulated for transport
Air Transport CAO-TI/IATA-DGR	Not regulated for transport
Environmental Hazards	Not hazardous to the environment
Special Precautions for User	Relevant information in other sections has to be considered
Transport in bulk according to Annex II of MARPOL and the IBC Code	Bulk transport in tankers is not intended

Section 15 - Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the substance or Mixture	National and local regulations must be observed For information on labelling please refer section 2
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Standard for the Uniform Scheduling of Medicines and Poisons; SUSMP No poison schedule number allocated

Details of International Registration Status

Relevant information about components of this product are reported in the following inventories:

Australia	AICS (Australian Inventory of Chemical Substances): This product is listed in, or complies with, the substance inventory.
People's Republic of China	IECSC (Inventory of Existing Chemical Substances in China): This product is listed in, or complies with, the substance inventory.
European Economic Area (EEA)	REACH (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.



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Section 16 - Other Information

Glossary of Terms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
IATA Regs	International Air Transport Association (IATA) Dangerous Goods Regulations
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS No.	Chemical Abstracts Service Registry Number
ES_AU	Occupational exposure standard in Australia
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
IMDG	International Maritime Dangerous Goods Code
NOHSC	Australian National Occupational Health and Safety Commission (Note: NOHSC documents are now published by Safe Work Australia)
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

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- End of Safety Data Sheet -