

FOOD GRADE WATER BASED SILICONE

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	FOOD GRADE WATER BASED SILICONE	53 ASSEMBLY DRIVE
Manufacturers Code:	FGWBS-500, FGWBS-1, FGWBS-5, FGWBS-20	TULLAMARINE VIC 3043
Date:	September 2020	ABN: 40 959 725 049
		Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598
		Email: gsmart@bigpond.net.au
		Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	FOOD GRADE WATER BASED SILICONE
Company Name	QUICK SMART PRODUCTS
Address	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) (03) 9336 7945 (AH)
Recommended Use	Silicone emulsion concentrate for food contact use in polishes and lubricants

2. HAZARDS IDENTIFICATION

Hazard Classification

Physical	Non hazardous
Health	Category 2B for Eye Irritation

Dangerous Goods Classification Not Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

GHS Label Elements

Symbol(s)	Not Applicable
Signal Word	Warning
Hazard Statements	H320: Causes eye irritation

Precautionary Statements

Prevention	P264: Wash all contaminated skin thoroughly after handling.
Response	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
Storage	Not Applicable
Disposal	Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURE

Chemical Identity of Ingredients	CAS No.	Proportion
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The identity of the ingredients is not disclosed for the purpose of confidentiality, in accordance with the Globally Harmonized System and Australian Work Health and Safety Regulations.

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4. FIRST AID MEASURES

Description of Necessary First Aid Measures

Advice to First Aider	No special precautions are necessary for first aid responders.
Inhalation	Remove victim to fresh air. Seek medical advice if there are any breathing difficulties.
Ingestion	Remove victim to a quiet well ventilated area. Do NOT induce vomiting. Call for medical attention. Keep airway clear. Wipe any residues out of the mouth, wash with water. Give oxygen if the face is blue. Loosen tight clothing. If unconscious put in prone position.
Eye	Wash with large amounts of water (lukewarm if possible) for at least 15 minutes. Ask victim to look up and down and sideways to wash properly. Do not allow victim to rub the eye. Do not allow the victim to keep the eye shut. Do not use hot water for washing. Have the victim examined by a Doctor if irritation persists.
Skin	Remove affected clothes, jewellery, footwear etc from the victim. Wash the affected area with soap and water. If irritation persists seek medical advice.
Medical Attention and Special Treatment	
First Aid Facilities	Safety shower and eye wash station is advised.
Comments	Treat according to symptoms. Seek medical advice or treatment if required.
Advice to Doctor	Advise of the chemical mixture. Give the First Aid information given above. Relate exactly how the accident happened and what has been done since then.
Aggravated Medical Conditions Caused by Exposure	None known.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use an extinguisher based on foam, dry chemical, water mist or carbon dioxide.
Hazards from Combustion Products	Thermal breakdown of this product during combustion may give the following decomposition products: silica, carbon oxide products, formaldehyde, nitrogen oxide products, chlorine compounds.
Special Protective Precautions and Equipment for Fire Fighters	A respirator and protective clothing should be used. Keep containers cool with water spray. Follow established emergency procedures.
Hazchem Code	Not applicable.

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6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear protective gloves, boots and clothing. Prevent run off to water ways.
Methods and Materials for Containment and Clean Up	Mop up with absorbent material such as rags, sand or vermiculite. Best pumped into separate containers. Avoid washing into the drains. Keep the public away from spills. Will be slippery underfoot. Use polyethylene containers or lined steel drums. Take to a disposal company and give a full description of the material. Dispose according to Commonwealth and State regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Note advice on compatibility. Good ventilation is recommended. Wear personal protective equipment. Avoid contact with skin and eyes.
Conditions for Safe Storage Including any Incompatibilities	Store out of reach of children. Store below 30°C. Do not freeze. Do not store with oxidizing agents.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

National Exposure Standards	None established for the components in the mixture.
Biological Limit	None known.
Engineering Controls	Provision of safety shower and eyewash is recommended. Special ventilation not required.
Personal Protective Equipment	A respirator should not be necessary under normal circumstances. If the product is misted or applied as an aerosol in some way a respirator is strongly advised. Choose according to the manufacturers guidelines for a water based emulsion product. Vinyl, latex or rubber gloves are suitable. Cover as much skin as possible with loose fitting work clothes such as overalls. Waterproof shoes or boots that will run splashes away from the foot are best.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties	
Appearance	A white to cream free flowing liquid.
Odour	Faint organic odour
pH	4.5 - 6.5
Vapour Pressure	Not known
Vapour Density	Similar to water

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Boiling Point/Range (°C)	Approximately 100°C
Freezing/Melting Point (°C)	Not determined
Solubility	Miscible with water at all concentrations
Specific Gravity (@25°C)	0.98 - 1.00

Information for Flammable Materials

Flash Point (°C)	Not flammable
Lower Explosion Limit (%)	Not applicable
Upper Explosion Limit (%)	Not applicable
Autoignition Temp (°C)	Not applicable

Additional Information

Specific Heat Value	Not known
Particle Size	Not applicable
Volatile Organic Compounds	0%
Content: Evaporation Rate	Not determined
Viscosity (cP @ 25°C)	500 - 3000 cP
Percent Volatile	36 - 38% (by weight)
Octanol/Water Partition	Not determined
Coefficient	
Saturated Vapour Concentrations	Not determined
Shock Sensitivity	None known
Corrosiveness	Low with most metals (similar to water)
Oxidizing Properties	None known
Reactivity with Common Substances	Oxidizing agents
Solubility in Organic Solvents	Miscible with alcohols to a limited extent

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Additional Characteristics Not Noted Above

Flame Propagation/ Burning Rate	Not flammable
Properties that may Initiate or Uniquely Contribute to the Intensity of a Fire	Not flammable
Potential for Dust Explosion	None
Reactions that Release Flammable Gases or Vapours	Not flammable
Fast or Intensely Burning Characteristics	Not flammable
Non Flammables that could Contribute Unusual Hazards to a Fire	None known
Release of Invisible Flammable Vapours and Gases	Not flammable
Decomposition Temp	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	Contact with strong oxidizing agents.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Formaldehyde, carbon monoxide, amines, chlorine compounds, nitrous oxides.
Hazardous Reactions	None known.

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11. TOXICOLOGICAL INFORMATION

Likely Route of Exposure	Eye
Health Effects from Likely Route of Exposure	
Acute Toxicity	Not know to be hazardous.
Skin Corrosion/Irritation	Not known to be hazardous.
Serious Eye Damage/Irritation	May cause irritation.
Respiratory or Skin Sensitization	Not known to be hazardous.
Germ Cell Mutagenicity	Not known to be hazardous.
Carcinogenicity	Not known to be hazardous.
Reproductive Toxicity	Not known to be hazardous.
Single Target Organ Toxicity (Single Exposure)	Not known to be hazardous.
Single Target Organ Toxicity (Repeated Exposure)	Not known to be hazardous.
Aspiration Hazard	Not known to be hazardous.

12. ECOLOGICAL INFORMATION

Ecotoxicity	None known.
Aquatic Toxicity	No adverse effects on aquatic organisms are known.
Behaviour in Sewage Processing Plants	Not known to have adverse effects.
Persistence and Degradability	Siloxanes bind to soil and sludge and are biodegraded. Surfactants used are biodegradable.
Mobility	Not known.
Environmental Fate	Siloxanes degrade to volatile cyclics.
Bioaccumulative Potential	Studies have found no siloxane build up in the environment.

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13. DISPOSAL CONSIDERATIONS

Disposal Methods and Containers Take to a disposal company and give a full description of the material. Dispose of according to Commonwealth and State regulations.
Use polyethylene containers or lined steel drums.

Special Precautions for Landfill or Incineration None.

14. TRANSPORT INFORMATION

Transport Information Not classified as dangerous for transport (ADG, IMDG, IATA)

15. REGULATORY INFORMATION

SUSMP Poisons Schedule Not applicable.

AICS (Australia) All ingredients listed or exempt.

16. OTHER INFORMATION

Contact Person/Point: Technical Information: (03) 9338 6655

Date of Preparation or last revision of SDS SDS created/revised: 3 September 2020

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
mg/m³	Milligrams per Cubic Metre
NOHSC	National Occupational Health and Safety Commission
ppm	Parts Per Million
SDS	Safety Data Sheet
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time Weighted Average

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This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF SDS