

CLEAR SILICONE SPRAY


SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	CLEAR SILICONE SPRAY	53 ASSEMBLY DRIVE
Manufacturers Code:	SIL-1, SIL-5, SIL-25	TULLAMARINE VIC 3043
Date:	September 2018	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	CLEAR SILICONE SPRAY
Details of Supplier/Manufacturer	
Company Name	QUICK SMART PRODUCTS
Address	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax	03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) (03) 9335 2598
Recommended Use	A mould release, silicone lubricant suitable for both metal and non metal surfaces.

2. HAZARDS IDENTIFICATION

Hazard Classification	This product is classified as hazardous.	
Dangerous Goods Classification	Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)	
GHS Classification(s)	Flammable Liquids: 3 Aspiration Toxicant: 1 Skin Corrosion/Irritation: 3	
GHS Label Elements		
Signal Word	DANGER	
Symbol(s)		
Hazard Statements	H226:	Flammable liquid and vapour
	H304:	May be fatal if swallowed and enters airways
	H315:	Causes skin irritation
	H412:	Harmful to aquatic life with long lasting effects

Precautionary Statements

General	P101:	If medical advice is needed, have product container or label at hand
	P102:	Keep out of reach of children
	P103:	Read label before use
Prevention	P210:	Keep away from heat/sparks/open flames/hot surfaces. No smoking
	P233:	Keep container tightly closed
	P240:	Ground/bond container and receiving equipment
	P241:	Use explosion-proof electrical/ventilation/lighting equipment
	P242:	Use only non-sparking tools
	P243:	Take precautionary measures against static discharge
	P264:	Wash thoroughly after handling
	P273:	Avoid release to the environment
	P280:	Wear protective gloves/eye protection/face protection

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Response	P301+P310:	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician
	P302+P352:	If ON SKIN: Wash with plenty of soap and water
	P303+P361+P353:	If ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
	P331	Do NOT induce vomiting
	P332+P313:	If skin irritation occurs: Get medical advice/attention
	P362:	Take off contaminated clothing and wash before reuse
	P370+P378:	In case of fire: Use foam/water spray/fog for extinction
	P391:	Collect spillage
Storage	P403+P235:	Store in a well ventilated place. Keep cool
	P405:	Store locked up
Disposal	P501:	Dispose of contents/container in accordance with local regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	Proportion	CAS No.	UN No.
Light Aliphatic Solvent	>60%	64742-89-8	1300
Toluene	<5%	108-88-3	1294
Ingredients determined to be non hazardous	Balance		

4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

Description of necessary measures according to routes of exposure

Inhalation	Remove the source of contamination if safe to do so and move the affected person to fresh air. Allow patient to rest and keep warm until recovered. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. For advice, contact Poisons Information Centre on 131126 or a doctor immediately and show the label where possible.
Eye Contact	If in eyes, hold eyes open, flush eyes with water for at least 15 minutes. If irritation persists seek medical attention.
Skin Contact	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. Launder contaminated clothing before re-use. If irritation develops seek medical attention.
First Aid Facilities	First aid kits, safety showers, eye wash stations
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability	Product is a flammable liquid.

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Extinguishing Media	Foam, water spray or fog, dry chemical powder or carbon dioxide.
Unsuitable Extinguishing Media	Do not use water in a jet.
Hazards from Combustion Products	Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.
Protective Equipment for Fire Fighters	Wear full protective clothing and self-contained breathing apparatus (SCBA).
HAZCHEM Code	3Y

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Avoid accidents, clean up and report spills immediately. Avoid contact with spilled or released material. Personnel involved in cleaning up any spills should wear personal protective equipment. Shut off leaks if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all possible sources of ignition in the surrounding area. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and earthing all equipment.
Environmental Precautionary Measures	Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterways using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.
Methods and Materials for Containment and Clean Up	For small spills (<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (>1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.
Disposal	Dispose of in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Flammable product. Before use carefully read the product label. Avoid breathing vapours. Handle and open containers with care in a well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Flameproof equipment is necessary in area where chemical is being used. Vapours may accumulate in low or confined areas.
Conditions for Safe Storage	This product is classed as a DG Class 3 Flammable Liquid. Store in accordance with AS1940 – The Storage and Handling of Flammable and Combustible Liquids. Store in a clean, dry, cool well ventilated area. Store away from sources of heat, ignition, sparks and strong oxidising agents. Take precautions against static electricity discharges which may cause fire. Keep away from foodstuffs and food containers. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Inspect regularly for leaks.
Incompatibilities	Store away from incompatible materials such as oxidizing agents, heat and sources of ignition. Store away from direct sunlight and moisture.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

The recommendation for protective equipment contained in this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Exposure Limits	No value assigned for this specific product. In the absence of data from National Occupational Health & Safety Commission (NOHSC) Worksafe Australia use: Mineral Spirits 150-200 HSPA: 350mg/m ³ TWA (8hr)
Notes	All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable and in all cases to below the National Standard. These Exposure Standards are guides to be used in the control of occupational health hazards. These Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
Biological Limit Values	N/A
Engineering Controls	Use in a well ventilated area. Do not use in confined spaces. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use a flame proof exhaust ventilation system.
Personal Protective Equipment	Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
Respiratory Protection	Wear an approved respirator with suitable filter for organic gases and vapours if engineering controls are inadequate (AS1715/1716).
Hand Protection	Butyl rubber or PVA gloves break through time 4hr (AS2161).
Eye Protection	Chemical goggles to prevent splashing in the eyes (AS1336/1337).
Protective Clothing	Coveralls and anti-static footwear (AS3765/2210).
Smoking & Other Dusts	Smoking must be prohibited in all areas where this product is used - see safety information on flammability.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid
Odour	Petroleum
pH	Not applicable
Vapour Pressure	260mm Hg
Vapour Density	Not available
Boiling Point	190°C
Freezing/Melting Point	N/A
Solubility (Water)	Immiscible
Specific Gravity (20°C)	0.78
Flash Point	31°C Min

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% Volatiles	> 75
Flammability Limits (%)	LEL : 1.0% UEL : 7.5%
Evaporation Rate	No data available

10. STABILITY AND REACTIVITY

Stability	Product is stable under recommended conditions of use, storage and temperature. Flammable liquid.
Conditions to Avoid	Avoid heat, sparks, open flames, direct sunlight and other ignition sources.
Materials to Avoid	Incompatible with oxidizing agents, heat and sources of ignition.
Hazardous Decomposition Products	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous Reactions	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No data is available for this product.
Ingestion	Ingestion may lead to nausea, vomiting, irritation to the gastrointestinal tract.
Skin Corrosion/Irritation	Mild irritant. Prolonged contact may cause defatting of skin and can lead to dermatitis.
Serious Eye Damage/Irritation	Mild irritant.
Respiratory or Skin Sensitisation	Not expected to be a sensitizer.
Specific Target Organ Toxicity (STOT) - Single Exposure	Inhalation of vapours or mists may cause irritation to the mucous membranes and respiratory system.
Specific Target Organ Toxicity (STOT)	Central nervous system: repeated exposure affects the nervous system. Inhalation of the product at high concentrations may produce central nervous system depression, loss of co-ordination, impaired judgement even unconsciousness. Intentional misuse by concentrating/inhaling contents may be lethal.
Aspiration Hazard	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available for this product.
Persistence / Degradability	No data available.
Mobility	No data available.
Bioaccumulative Potential	No data available.

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Environmental Protection This product may be hazardous to the environment. Avoid contaminating drains and waterways as aquatic life may be threatened.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION



Classified as Dangerous Goods for transport (ADG Code).

ADG

UN number 1993
Proper shipping name FLAMMABLE LIQUID, N.O.S. (CONTAINS WHITE SPIRIT AND TOLUENE)
DG Class 3
Packing group III
Hazchem Code 3Y

15. REGULATORY INFORMATION

SUSMP Schedule S5
AICS (Australia) All ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

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

Date of Preparation or last revision of SDS SDS reviewed: 27 September 2018

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
STEL Short Term Exposure Limit
SDS Safety Data Sheet
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 or 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