

GRAPHITE POWDER

SAFETY DATA SHEET

MSDS No: Product Name: Manufacturers Code: Date:	GRAPHITE POWDER GP30, GP1, GP3 August 2016	QUICK SMART PRODUCTS 53 ASSEMBLY DRIVE TULLAMARINE VIC 3043 ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	GRAPHITE POWDER
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	Lubricant, door locks, hinges, guns, bearings, skate boards, etc.

2. HAZARDS IDENTIFICATION

Hazard Classification	Not hazardous
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	
Signal Word	Not Applicable
Symbol(s)	Not Applicable
Hazard Statements	Not Applicable
Precautionary Statements	
Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable
Other Hazards which do not result in classification	Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Proportions %
Graphite	7782-42-5	>97%

4. FIRST AID MEASURES

For advice in an emergency, contact a Poisons Information Centre (Australia Phone 131126) or a doctor at once.

Description of necessary measures according to routes of exposure

Ingestion	Wash mouth out with water. Do NOT induce vomiting. Considered to be non toxic. Give plenty of water to avoid any irritation to stomach. If symptoms develop, seek medical advice.
Eye	Hold eyelid open and flush with copious amounts of clean water for at least 2 minutes or until all contaminants are washed out completely. In all cases of eye contamination it is a sensible precaution to seek medical advice.

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Skin	Wash contaminated skin with soap and clean water. Wash clothes before reusing. If symptoms develop seek medical advice.
Inhaled	Remove the affected person from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm and at rest until fully recovered. Seek medical advice if effects persist.
First Aid Facilities	Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.

Most Important Symptoms & Effects, Both Acute & Delayed, Caused by Exposure

See Section 11 for more detailed information on health effects and symptoms.

Advice to Doctor	Treat symptomatically.
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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.
Suitable Extinguishing Media	Dry chemical or water spray.
Protective Equipment for Fire Fighters	Fire Fighters should wear Self Contained Breathing Apparatus and full protective clothing appropriate to the principal fire hazard or the source of the fire.
Flammability	May be combustible at very high temperatures.

6. ACCIDENTAL RELEASE MEASURES:

General Response Procedures	Avoid accidents, clean up immediately. Avoid contact with eyes and skin.
Spillages	It is recommended that personnel involved in cleaning up any spills should wear protective equipment to prevent skin and eye contamination and inhalation of airborne dust. Vacuum if possible to avoid airborne dust. Graphite is slippery to walk on so wash with water and collect. Large spills – scoop up with shovels and clean up with water.
Disposal	Dispose of in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

7. HANDLING AND STORAGE

Safe Handling	Keep out of reach of children. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced. Ensure eye bath is available. Observe good personal hygiene. Wash hands thoroughly after use and before eating. Keep containers tightly closed when not in use.
Safe Storage	Store in the closed, original container. Keep away from direct sources of ignition. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

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8. EXPOSURE CONTROL

Occupational Exposure Limits	National Exposure Standards: Graphite - TWA ppm 3mg/m ³ . This is an average airborne concentration when calculated over a normal 8 hour day for a 5 day working week.
Biological Limit	No biological limit allocated.
Engineering Controls	A system of local and/or general exhaust is recommended to keep airborne levels below the exposure limit. Local exhaust ventilation is preferred.
Respiratory Protection	Wear an effective dust mask where dust is generated and engineering controls are inadequate. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
Eye Protection	Splash goggles or safety glasses with side shields. Eye protection should conform with Australian/New Zealand Standards AS/NZS 1337 – Eye Protectors for Industrial Applications.
Hand Protection	Rubber gloves or PVC if necessary.
Body Protection	Suitable protective work wear, e.g. long sleeved cotton overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black powder
Odour	Odourless
Melting Point	3850 C
Boiling Point	Not applicable
Solubility in Water	Insoluble
Specific Gravity	1.8-2.1
pH Value	N/A
Flash Point	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Auto Ignition Temp	Not applicable
Flammability Limits	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use.
Conditions to Avoid	Excess heat and incompatible materials.
Materials to Avoid	Oxidising agents.
Hazardous Decomposition Products	Nil.
Hazardous Polymerization	None.

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11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this specific product.
Ingestion	No long term effects.
Eye	Minimal effect after water has flushed out any product.
Skin	May be very slightly irritating. Continual contact with skin may cause defatting leading to dermatitis.
Inhaled	Breathing of dust may cause respiratory irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data is available for this specific product.
Persistence / Degradability	Persistent. Is unlikely to have long term effect on the environment.
Environmental Protection	Not available however no long term effect on the environment is likely.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Waste product should be placed in sealed, properly labelled containers for disposal. Dispose of waste product according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.
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14. TRANSPORT INFORMATION

Transport Information	Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
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15. REGULATORY INFORMATION

SUSMP	A poison schedule has not been allocated for this product.
Risk Phase	None allocated
Safety Phase	None allocated
AICS (Australia)	All substances are listed on AICS or exempt.

16. OTHER INFORMATION

Contact Person/Point	Technical Information: (03) 9338 6655.
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Date of Preparation or last revision of SDS	SDS Created/Revised: 17 August 2016
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Abbreviations

ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
CAS Number	Chemical Abstracts Service Registry Number
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

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ppm	Parts Per Million
mg/m³	Milligrams per Cubic Metre
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
GHS	Globally Harmonised System of Classification and Labelling
SDS	Safety Data Sheet
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
AICS	Australian Inventory of Chemical Substances
NOHSC	National Occupational Health and Safety Commission

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