


GRAPHITE 9092, MICROFYNE, NO. 1 & 2 FLAKE, CUBS

SAFETY DATA SHEET (SDS)

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Issued By: **Thomas Grozier & Son Pty. Ltd.**

Classified **HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS.** According to the WHS Regulations and the ADCode.

1.	IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY	Product name: GRAPHITE Company name: Thomas Grozier & Son Pty. Ltd. Address: 2/8 PRINCE WILLIAM DRIVE SEVEN HILLS 2047 Emergency Telephone. 02 96209843 OTHER NAMES. USES: Lubricant, cathodes, paints and coatings.									
2.	COMPOSITION/ INFORMATION ON INGREDIENTS	<table> <tr> <th>Ingredients. Name.</th><th>CAS</th><th>Proportions %</th></tr> <tr> <td>Graphite</td><td>[7782-42-5]</td><td>>97%</td></tr> <tr> <td colspan="3">Other Information.</td></tr> </table>	Ingredients. Name.	CAS	Proportions %	Graphite	[7782-42-5]	>97%	Other Information.		
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3.	HAZARDS IDENTIFICATION.	<p>Label elements</p> <p> GHS label elements</p> <p>SIGNAL WORD. WARNING</p> <p>Hazard statement(s) H319 Causes serious eye irritation. H335 May cause respiratory irritation.</p> <p>Precautionary statement(s) Prevention P271 Use only outdoors or in a well-ventilated area. P261 Avoid breathing dust/fumes. P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>Precautionary statement(s) 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. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>Precautionary statement(s) Storage P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>Precautionary statement(s) Disposal P501 Dispose of contents/container in accordance with local regulations.</p>									
4.	FIRST AID MEASURES	<p>Description of necessary measures according to routes of exposure.</p> <p>Inhalation: Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume the most comfortable position and keep warm and at rest until fully recovered. Seek medical advice if effects persist.</p> <p>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.</p> <p>Skin: Wash effected area with soap and water. Wash clothes.</p> <p>Eyes: Rinse eyes immediately with clean water for at least 2 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.</p> <p>First aid Facilities: Ensure eyewash (water) is available.</p> <p>Advise to Doctor: Treat symptomatically based on the judgment of Doctor and individual reaction of patient.</p> <p>Aggravated medical conditions caused by exposure. No information available. Unlikely</p>									
5.	FIRE FIGHTING MEASURES	<p>Flammability: May be combustible at very high temperatures.</p> <p>Extinguishing Media: Dry chemical or water spray.</p> <p>Specific methods: N/A</p> <p>Specific hazards: N/A</p> <p>Hazardous Combustion Products: N/A</p> <p>Unsuitable extinguishing Media: N/A</p>									
6.	ACCIDENTAL RELEASE MEASURES	<p>Spills and disposal: Vacuum if possible to avoid airborne dust. Graphite is slippery to walk on so wash with water and collect. Dispose of according to local government requirements.</p> <p>Large spill. Operators should wear protective clothing. Scoop up with shovels and clean up with water.</p>									
7.	HANDLING AND STORAGE	<p>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.</p> <p>Storage: Store in the closed, original container. Keep away from direct sources of ignition. Ensure eye bath is available. Observe good personal hygiene. Was thoroughly after handling. Protect containers against physical damage.</p>									

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8.	EXPOSURE CONTROLS/ PERSONAL PROTECTION	National Exposure Standards: 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. STEL ppm mg/m ³ Respiratory Protection: Wear an effective dusk mask where dust is generated and engineering controls are inadequate. (AS1715/1716). Eye Protection: Splash goggles or safety glasses with side shields. Hand Protection: Rubber gloves or PVC if necessary. Body Protection: Wear long sleeved cotton overalls. Eng. Controls: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is preferred. Hygiene Measures: Wash hands after use and before eating.
9.	PHYSICAL AND CHEMICAL PROPERTIES	Appearance: Black powder, odourless, tasteless Melting Point: Not available Boiling Point: Not applicable Solubility in Water: Insoluble Specific Gravity: 1.8-2.1 pH Value: N/A Melting Point: 3850 C Flash Point: Not applicable Vapor Pressure: Not applicable Vapor Density: Not applicable Flash Point: Not applicable. Auto Ignition Temperature: Not applicable Flammable Limits: Not applicable Flammable Limits: Not applicable VOC: Nil Stability: Graphite is stable. Incompatibility with various substances: Highly reactive to oxidizing agents. Corrosivity: None. Polymerisation: Will not occur
10.	STABILITY AND REACTIVITY	Stability: Stable under normal conditions of use. Conditions to avoid: Excess heat and incompatible materials. Hazardous Polymerization: None Materials to avoid: Oxidising agents. Hazardous Decomposition Products: Nil
11.	TOXICOLOGICAL INFORMATION	Toxicology Information: Inhalation: Breathing of dust may cause respiratory irritation. Ingestion: No long term effects. Skin: May be very slightly irritating. Continual contact with skin may cause defatting leading to dermatitis. Eye: Minimal effect after water has flushed out any product. Toxicity to animals. LD50. Not available.
12.	ECOLOGICAL INFORMATION	Persistence/Degradability: Persistent. Is unlikely to have long term effect on the environment Ecotoxicity: Not available Environmental Protection: Not available however no long term effect on the environment is likely.
13.	DISPOSAL CONSIDERATIONS	Disposal of the spilled or waste product must be done in accordance with applicable local, state and federal government regulations
14.	TRANSPORT INFORMATION	The product is not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. U.N. No: None allocated Proper Shipping Name: Graphite. Name: Graphite. DG Class: Not classified as hazardous Hazchem Code: None allocated Packing Group: None allocated Marine Pollutant: No.

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15.	REGULATORY INFORMATION	Risk Phase: None allocated Safety Phase: None allocated Poisons Schedule: None allocated Hazard Category: None allocated
16.	OTHER INFORMATION	Contact Point/Person. For information on this MSDS contact: *Thomas Grozier & Son. 61 (0) 2 96209843

IMPORTANT DISCLAIMER:

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