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Graphite Gun
HPC No. HGG

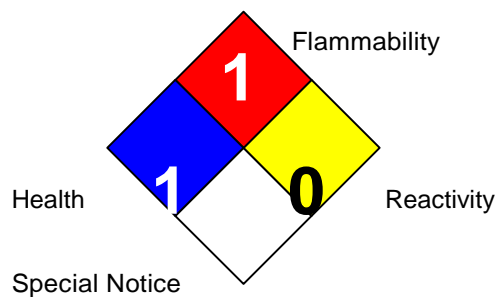
Material Safety Data Sheet

(According regulation 1907/2006/EC and directives 67/548/EC and 1999/45/EC)

HMIS

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	E

NFPA



Section 1 – Identification of the Substance / Preparation, and of the Company

Product Name/ Trade Name	Graphite Gun, HPC No. HGG	Grade: MICROFYNE
Product Description	Natural Flake Graphite in Rubber Dispenser	
Manufacturer	Qindao Tiahe Graphite Co. Ltd.	Emergency Phone 13 11 26 Poisons Line 24/7
	Nanshu, Laixi, Qingdao Shandong Province, China	Information Phone 03 9329 7222
Supplier:	Locksmith Supply Company Pty Ltd 140-158 Dryburgh Street North Melbourne Vic 3051	Fax 03 9329 2570
		Date Revised April 15 th 2019
		Reviser (optional) LSC

Important Note:

The manufacturer has indicated this item is Natural Flake Graphite.
 According to OSHA and the Chemical Abstracts Service Division of American Chemical Society
 the following information pertains to Natural Flake Graphite.

Section 2 – Hazards Information

It is harmful by inhalation and can be irritating to eyes and respiratory system.

HPC Graphite Gun

Classification of the substance or mixture

- Hazardous Chemical as Not listed on HCIS (Silica)
- Dangerous Goods Not listed on ADG Code 2017 Table 3.2.3

No GHS Label Elements:

Section 3 – Composition / Information On Ingredients

Hazardous Ingredients And Non Hazardous Ingredients		
Components	CAS Number	%
Natural flake graphite	7782-42-5	100%

Section 4 – First Aid Measures

Ingestion	Graphite is not known to be toxic by ingestion. However, ingestion may cause digestive system blockage. Seek medical attention if irritation persists.
Skin Contact	Wash with mild soap and warm water
Eye Contact	Rinse with tepid water until eyes are clear of particulates. Seek medical attention if irritation persists.
Inhalation	Remove patient to particulate-free environment. Wear approved dust mask to avoid breathing dust. Seek medical attention if irritation persists.

Section 5 – Fire Fighting Measures

Natural graphite is not flammable under normal conditions	
Extinguishing Media	Dry chemical extinguisher, water
Protective Equipment	Self contained air pack, gloves, safety goggles
Special Hazards	None Known
NFP Rating	110

Section 6 – Accidental Release Measures

Personal Precautions	Dust mask, safety goggles, conventional gloves
Methods for Cleaning Up:	Conventional Sweep or vacuum. Avoid dusting conditions

Section 7 – Handling and Storage

Handling	Conventional means to avoid dusting conditions. Natural graphite is a conductor of electricity. Avoid contact between Natural graphite and electrical circuitry.
Storage	Store all carbonaceous materials in a dry location, away from oxidizing agents.

Section 8 – Exposure Controls/ Personal Protection

Control Parameters		US Limits		
Component	CAS No.	%	ACGIH TWA	Control Reference
Natural flake graphite	7782-42-5	100	2.0 mg/m ³	3 mg/m ³ for nuisance dust
Engineering Measures	Use adequate dust collections to maintain dust levels below the control or recommended values.			
Respiratory Protection	Approved dust mask			
Eye Protection	Conventional safety glasses or goggles.			
Skin Protection	Conventional work gloves and clothing.			
Additional	None			

Section 9 – Physical and Chemical Properties

Color:	Gray to Black	Material State	Solid free flowing flakes or powder
Odor	None		
Boiling Point:	4830 C	Melting Point	Sublimates at 3652C
Specific Gravity	2.26	Vapour Density	Not applicable
Vapor Pressure (mm Hg)	NA	% Volatile (By Wt.)	0-1%
Solubility in Water	Insoluble	Evaporation Rate:	Not applicable
pH	6-8	Auto Ignition	Above 500C
Decomposition Temp	Above 400C	Dust Explosion class	ST1=KST>0-200 bar.m/s
Flash Point	Not Applicable. When exposed to extremely high energy ignition sources fine graphite and carbon powder can form explosive mixtures with air. Avoid contact between graphite or carbon dust clouds and high energy ignition sources.		

Section 10 – Stability and Reactivity

Stability	Stable will not polymerize
Conditions to Avoid	Avoid contact with oxidizing agents
Materials to Avoid	Oxidizing agents
Hazardous Decomposition Products	Carbon Dioxide (CO ₂) and carbon Monoxide (CO)

Section 11 – Toxicological Information

Toxicological information about natural graphite is not available. However, graphite is inert, insoluble and is not expected to present an ingestion hazard.

Section 12 – Ecological Information

Assessment	Natural graphite is inert and insoluble. To the best of our knowledge, Natural graphite should not present any environmental hazards any more serious than any inert, insoluble dust or granular substance.
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Section 13 – Disposal Considerations

Dispose of in a manner which conforms to local, state and Federal regulations.

Section 14 – Transport Information

ICAO / IATA	
Shipping Name	Natural Graphite
Hazard Class	Non Hazardous
Subsidiary Class	
UN Number	
Packing Group	None
Transport Label Required	No label required
Additional Transport Info	Technical Name (N.O.S.): Natural Graphite

Section 15 – Regulatory Information

EEC Marking and Labeling	
Symbol	Not Known
Risk Phases	Graphite: R20 (harmful by inhalation)
Safety Phases	S14 (keep away from oxidizers), S22(do not breathe dust), S23 (avoid contact with eyes), S39 (wear eye protection)

Regulatory	Chemical	Status
Australian Inventory of chemical substances (AICS) (NICNAS)	Natural flake graphite CAS 7782-42-5	Listed
Australian Hazardous Substances Information System List (HCIS)	Natural flake graphite CAS7782-42-5	Not Listed
Australian Exposure Standards (HCIS, SWA)	Natural flake graphite CAS7782-42-5	Listed
International Agency for Research on Cancer (IARC) Monographs	Natural flake graphite CAS7782-42-5	Not Listed
Poisons Schedule	Natural flake graphite CAS7782-42-5	Not Listed

Section 16 – Other Information

HMIS Rating	100E
NFP Rating	110
Reason for Issue	