

Graphite
Material Safety Data Sheet

Natural Graphite

Extinguishing Media: Water, carbon dioxide, foam or dry chemical.
Special Fire Fighting Procedures: Wear NIOSH approved self contained breathing apparatus to fight a fire involving this material.
Unusual Fire and Explosion Hazards: None

NFPA Hazard Rating:

Health
1

Flammability
0

Reactivity
0

6. Accidental Release Measures

Spill/Leak Procedures: Carefully sweep up material and wash floor with soap and water. Containerize for solid waste disposal.

7. Handling and Storage

Handling and Storage Precautions: Keep containers tightly closed when not in use. Graphite causes slippery conditions. Graphite, being conductive, can cause short circuits and other electrical malfunctions.

Work/Hygienic Practices: Wash exposed skin with soap and water after handling this product.

8. Exposure Controls/Personal Protection

Respiratory Protection (specify type): Use NIOSH/MSHA approved mask for chemical products if ACGIH, OSHA and/or TWA limits will be exceeded.

Local Exhaust	Mechanical (general)	Special	Other
Not Required	Recommended	None	None

Eye/Face Protection: Safety glasses, goggles or face shield. Eye wash station should be available.
Skin Protection: Use cotton gloves. Safety shower should be available.

9. Physical/Chemical Characteristics

Physical State: Solid	Boiling Point: N/A
Appearance: Gray	Melting Point: N/A
Odor: None	Vapor Pressure (mm Hg): N/A
Specific Gravity (H ₂ O = 1): 2.25	Vapor Density (air = 1): N/A
Water Solubility: Insoluble	Evaporation Rate: N/A (Butyl Acetate = 1)

10. Stability and Reactivity

Stability: Material is stable.
Incompatibility (materials to avoid): Strong oxidizing agents, acids and alkalis.
Hazardous Decomposition Products: On burning, may release carbon dioxide and carbon monoxide.
Hazardous Polymerization: Will not occur.

11. Toxicological Information

None available.

12. Ecological Information

None available

13. Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

14. Transport Information

Not regulated.

15. Regulatory Information

All components of this product are on the TSCA inventory.

16. Other Information

Disclaimer: The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

Unk. = Unknown
N/A = Not applicable
Nav = Not available
N/D = Not determined
N/E = Not established
Prop. = Proprietary