

Qingdao Hensen Graphite Co.,Ltd
Material Safety Data Sheet

1. PRODUCT AND COMPANY INFORMATION:

Product name: Expandable Graphite
Supplier: Qingdao Hensen Graphite Co., Ltd.
TEL: +86 532 86645299
FAX: + 86 532 86645288
Web: www.hensengraphite.com

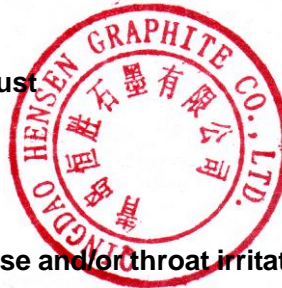
2. COMPOSITION:

Substance:

Common chemical name: Expandable Graphite
CAS No.: 7782-42-5
Product code / EC-number: 3824 9099 40

3. HAZARDS IDENTIFICATION

Symbol(s): none
Risk-phrase(s): none
Recommended: Respirable Dust



4. FIRST-AID MEASURES:

Symptoms: Inhalation—nose and/or throat irritation, shortness of breath
Skin/Eyes—redness of skin, irritation of eyes.

First aid

Skin: Wash with mild soap and water.

Eye: Rinse eyes with sterile eye wash.
Seek medical attention if any irritation persists

Inhalation: Remove from dust area.
Seek medical attention if symptoms persist.

5. FIRE-FIGHTING MEASURES:

Extinguishing media: Water
Protective equipment: Water
Exposure hazards: 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.

Further information: Special Fire Fighting Procedures: Spray with water

6. ACCIDENTAL RELEASE MEASURES:

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Respiratory Protection: Use approved respirator in areas where dust control does not maintain airborne dust levels below the recommended concentration.

Protective Gloves: Conventional work gloves

Other protective clothing or equipment: Not required

Work Hygienic Practices: Keep work area clean.

Use adequate dust collection/ventilation

7. HANDLING AND STORAGE:

Handling: Handle and transfer in a manner that avoids excessive dusting.

Storage: Store away from oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Exposure limits: No exposure limit has been established.

Personal protection: see Section 6

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and Odor: Grey to black—No Odor

Melting point/range: N/A

Boiling: N/A

Flash point: N/A

Vapor Density (AIR=1): N/A

Specific gravity (H₂O=1): 2.20-2.26

Vapor pressure (mm Hg.): N/A

Evaporation Rate (Butyl Acetate=1): N/A

Solubility in Water: Insoluble

Application: Mainly used in manufacture of Head gasket, Manifold, Exhaust pipe ring



10. STABILITY AND REACTIVITY:

Stability: This material is stable

11. TOXICOLOGICAL INFORMATION:

Avirulence

12. ECOLOGICAL INFORMATION:

