Safety of table of Safety of graphite table (MSDS)

Graphite

Part 1: Name of the chemical

Chinese name of chemical: graphite, natural graphite black lead

Chemical common name: graphite

The English name of the chemical is: GRAPHITE；Plumbago；Blacklead；Mineral carbon

English name： GRAPHITE

Technical specification code： CAS No.： 7782-42-5

Production enterprise name: Henan Liugong Graphite Co., LTD

Address: Longhu High-tech Industrial Park, Zhengzhou City, Henan Province

Effective Date: 30 June 2017

Part 2: Composition / composition information

chemical name	content	CAS No.
Carbon	90%	7440-44-0

Part 3: Overview of the danger

Dangerous category：Instimulates the eyes and respiratory tract: inhalation, eye and skin contact.

Health hazard：Contact with natural graphite may produce progressive or disabling pneumoconiosis, with symptoms

including headache, cough, depression, reduced appetite, dyspnea, and black sputum. Some victims may suddenly become disabled after many years of no symptoms, and there are signs that artificial graphite can also produce pneumoconiosis.

Environmental hazard: dust dust

Burst hazard: No

Part 4: First-aid measures

Skin contact: rinse with plenty of clean water. Take off and isolate the contaminated clothing and shoes. Keep the patient warm and keep quiet.

Eye contact: rinse with water.

Inhalation: Move the patient to fresh air for artificial respiration. If the patient stops breathing, artificial respiration is given. If breathing is difficult, oxygen is given.

Eating in: Inhalation, feeding, or skin contact with the substance can cause a delayed reaction. Ensure that medical staff know the individual protection knowledge related to the substance and pay attention to self-protection.

Part 5: Fire protection measures

Hazardous characteristics: when strong oxidants (such as fluoride, chlorine trifluoride and potassium peroxide) react.

Hazardous combustion products: carbon dioxide.

Fire extinguishing method: combustible solid. If the substance or the contaminated fluid enters the waterway, notify the downstream users with potential water pollution, and notify the local health, fire officials and pollution control departments. Use dry powder, foam and carbon dioxide.

Part 6: Emergency treatment of leakage

Emergency treatment: block the leakage point.

Part 7: Operation, disposal and storage

Operation precautions: pay attention to the dust. Storage precautions: Avoid contact with strong oxides (fluoride, chlorine difluoride, dipotassium over tetratrachloride).

Part 8: Contact control / personal protection

Engineering control: No special control is necessary.

Respiratory system protection: Provide a dust mask with an appropriate filter plate. NIOSH 12.5mg/m3: Dust proof respirator.25 mg/m3: special respirators and air supply respirator.62.5mg/m3: Power drive air purification respirator with dust filter layer, continuous air supply respirator.125 mg/m3: high efficiency filter layer, air purification respirator with high efficiency filter layer cover close to the face, continuous gas supply respirator with the mask close to

the face, and self-portable respirator.1250 mg/m3: Air supply positive pressure full respirator. Emergency or planned area into unknown concentration, or in an immediate life or health threatening condition: self-portable positive pressure full cover respirator, air supply positive pressure full cover respirator and auxiliary self-portable positive pressure respirator. Escape: high efficiency filter layer anti-particle full cover respirator, self-portable escape respirator.

Eye protection:, the protective mirror can be used

Body protection: work clothes can be used (no special protection)

Hand protection: work gloves can be used

Other protection: check respiratory system, lungs and cardiovascular system.

Part 9: Physical and chemical characteristics

Appearance and character: soft black phosphorus, crystalline carbide. Touch has a grease feel, odorless.

pH：4~7

melting point (℃)： 3850±50℃

boiling point (℃)：4250℃

Main ingredients: carbon

Solubility: insoluble in water.

Main uses: rubber, powder metallurgy, coating, etc.

Part 10: Stability and reactivity

Stability: It is stable

Prohibited: No

Aggregation hazards: None

Part 11: Toxicology data

Excitant: no

allergenicity: no

Mutagenicity: None

Oncogenic: no

Part 12: Ecological data

Ecotoxicological toxicity: none

Biodegradability: None

Non-biodegradability: None

Biological enrichment or bioaccumulability: None

Other harmful effects: none

Part 13: Waste disposal

Waste disposal method: classification and unified

Treatment.Waste precautions: dust prevention.

Part 14: Transportation information

Dangerous Goods No.:

Packaging category: General.

Packaging method: external waterproof woven bag, internal composite moisture-proof bag.

Transportation precautions: pay attention to take light light.

Part 15: Regulatory information

Regulatory information: refer to the relevant national requirements

Part 16: Other information

Form-filling department: Henan Liugong Co., LTD

Date: June 30,2017

Other information: No