



MORTECH CORPORATION

No. 2-6, Gongye 2nd Rd., Pingzhen Dist, Taoyuan City 324, Taiwan.

Tel : +886-3-4195560 Fax : +886-3-4192610.

SAFETY DATA SHEET

SECTION 1: Product and Company Identification

1.1 Product Name

Artificial Graphite Sheets, MGS

1.2 Manufacturer's Name & Address

Mortech Corporation
No. 2-6, Gongye 2nd Rd., Pingzhen Dist,
Taoyuan City 324, Taiwan

Emergency Telephone Number

+886-3-4195560 (tel.)
+886-3-4192610 (fax)

SECTION 2: Hazards identification

2.1 GHS Classification

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Concentration
Graphite Sheets	7782-42-5	≤100%

SECTION 4: FIRST AID MEASURES

4.1 Description of first-aid measures

If inhaled

After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

SDS DATE: 2023.03.01



MORTECH CORPORATION

No. 2-6, Gongye 2nd Rd., Pingzhen Dist, Taoyuan City 324, Taiwan.

Tel : +886-3-4195560 Fax : +886-3-4192610.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

Not combustible.

Ambient fire may liberate hazardous vapours.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

None

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger

area, observe emergency procedures, consult an expert.

For personal protection see section 8.

6.2 Environmental precautions

No special precautionary measures necessary.

6.3 Methods and materials for containment and cleaning up

Observe possible material restrictions (see sections 7 and 10). Take up dry.

Dispose of properly. Clean up affected area. Avoid generation of dusts.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed. Dry.

Storage class

Storage class (TRGS 510): 11: Combustible Solids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SDS DATE: 2023.03.01



MORTECH CORPORATION

No. 2-6, Gongye 2nd Rd., Pingzhen Dist, Taoyuan City 324, Taiwan.

Tel : +886-3-4195560 Fax : +886-3-4192610.

SECTION 8: Exposure Controls / Personal Protection

8.1 Control parameters

Ingredients with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Change contaminated clothing. Wash hands after working with substance.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin protection

Wear suitable gloves

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Film Color: dark gray
b) Odor odorless	Odorless
c) Odor Threshold	Not applicable
d) pH	No data available
e) Melting point/Freezing point	Melting point/range: 3,652 - 3,697 °C - lit.
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Density	2.2136 g/cm ³ at 25 °C
Relative density	No data available
n) Water solubility	- OECD Test Guideline 105slightly soluble
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	none

9.2 Other safety information

No data available

SDS DATE: 2023.03.01



MORTECH CORPORATION

No. 2-6, Gongye 2nd Rd., Pingzhen Dist, Taoyuan City 324, Taiwan.

Tel : +886-3-4195560 Fax : +886-3-4192610.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

10.3 Possibility of hazardous reactions

Risk of ignition or formation of inflammable gases or vapours with:

Fluorine

halogen-halogen compounds

10.4 Conditions to avoid

no information available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

Not classified as a toxic or hazardous material.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

Film is insoluble in water.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal

Incinerate or landfill in accordance with local laws and ordinances.

SECTION 14: TRANSPORT INFORMATION

Road: Not a hazardous product.

Water / Air: Not a hazardous product.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SDS DATE: 2023.03.01



MORTECH CORPORATION

No. 2-6, Gongye 2nd Rd., Pingzhen Dist, Taoyuan City 324, Taiwan.

Tel : +886-3-4195560 Fax : +886-3-4192610.

Occupational Safety and Health Act; Regulations on
Occupational Safety and Health Facilities
Waste Disposal Act; Standards for the Storage,
Cleanup, Handling and Disposal of Industrial Waste

SECTION 16: OTHER INFORMATION

Medical Use

CAUTION: Do not use in medical applications involving permanent implantation in the human body.

Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

This information is based upon technical data believed to be reliable, and is offered in good faith by the manufacturer. Users should perform additional tests to establish the suitability of any products for their intended applications. This Material Safety Data Sheet and the information herein are subject to revision as additional knowledge and experience is gained.