

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

Graphite Sheets (T62)

Revision 0

Revision date 2012-03-08

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Graphite Sheets (T62)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description Graphite Sheets.

1.3. Details of the supplier of the safety data sheet

Company T-Global Technology Limited
Address 40 Centenary Business Centre
Hammond House
Nuneaton
Warwickshire
CV11 6RY
United Kingdom
Telephone +44 (0) 20 8133 2062

1.4. Emergency telephone number

Emergency telephone number +44 (0) 20 8133 2062

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R36/37
Symbols: Xi: Irritant.
Main hazards Irritating to eyes and respiratory system.

2.2. Label elements

Symbols Xi: Irritant.

Risk phrases R36/37 - Irritating to eyes and respiratory system.
Safety phrases S24/25 - Avoid contact with skin and eyes.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Graphite		7782-42-5	231-955-3		70 - 80%	Xi; R36/37

SECTION 4: First aid measures

Graphite Sheets (T62)

Revision 0

Revision date 2012-03-08

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Get medical advice/attention if you feel unwell.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Avoid raising dust.
--	---

5.3. Advice for firefighters

	Wear self contained breathing apparatus and protective clothing.
--	--

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
--	--

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

6.3. Methods and material for containment and cleaning up

	Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	--

6.4. Reference to other sections

	See section 13. DISPOSAL CONSIDERATIONS for further information.
--	--

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Wash hands after handling the product. Wear suitable protective equipment.
--	---

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from incompatible materials.
--	---

7.3. Specific end use(s)

	No data is available on this product.
--	---------------------------------------

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Graphite Sheets (T62)

Revision 0

Revision date 2012-03-08

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective equipment.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs. Wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Colour	Black
Odour	Odourless
Solubility	Insoluble in water

9.2. Other information

Specific gravity	> 2
------------------	-----

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data is available on this product.
--	---------------------------------------

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

10.3. Possibility of hazardous reactions

	No data is available on this product.
--	---------------------------------------

10.4. Conditions to avoid

	No data is available on this product.
--	---------------------------------------

10.5. Incompatible materials

	Strong oxidising agents.
--	--------------------------

10.6. Hazardous decomposition products

	Carbon oxides.
--	----------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Aspiration hazard	Irritating to respiratory system.

11.1.4. Toxicological Information

Graphite	Inhalation Rat LC50/4 h: >64400 mg/m3	Oral Rat LD50: >10000 mg/kg
----------	---------------------------------------	-----------------------------

SECTION 12: Ecological information

Graphite Sheets (T62)

Revision 0

Revision date 2012-03-08

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

Insoluble in water.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not empty into drains; dispose of this material and its container in a safe way.

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Contact a licensed waste disposal company.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

Other information

Graphite Sheets (T62)

Revision 0

Revision date 2012-03-08

Other information

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
--	--