

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

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

- 1.1 Product identifier
- Trade name : GRAPHILOR® 3 XTH
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- Application of the substance / the preparation : Impregnated synthetic graphite article
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
MERSEN France PY SAS
1 rue Jules Ferry
54530 Pagny sur Moselle
Tel: (33) (0)383816081
qse.pagny@mersen.com
- 1.4 Emergency telephone number:
France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112
Belgium - Brüssel: +32 070/245 245
UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008 :
The product is not classified, according to the GB CLP regulation.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Not classified as hazardous
- Hazard pictograms Not classified as hazardous
- Signal word Not classified as hazardous
- Hazard statements Not classified as hazardous
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
- Description: Material
- Dangerous components:

Polymerized phenolic resin	1-5%
----------------------------	------
- SVHC No

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

Trade name: Graphilor XTH

(Contd. of page 1)

- Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: No special measures required.
- After inhalation: not applicable
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult a doctor.
- 4.2 Most important symptoms and effects, both acute and delayed :
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed :
No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture :
Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters
- Protective equipment: Mouth respiratory protective device.
- Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures :
Wear a respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
No special measures required.
Do not allow the product to enter sewers/ surface water or ground water.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- 6.4 Reference to other sections :
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling :
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
Decant and handle the product in dust-proof units.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

Trade name: Graphilor XTH

(Contd. of page 2)

- Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
 - Requirements to be met by storerooms and receptacles: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: None.
- 7.3 Specific end use(s) : No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Additional information about design of technical facilities: No further data; see section 7.
- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
The most current valid lists have been used as a basis for the production of this document.
- 8.2 Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not necessary if room is well-ventilated.
- Protection of hands:



Protective gloves

- Gloves material : Nitrile rubber, NBR
- Eye protection:



Safety glasses

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Appearance:

Form:	Solid
Colour:	Black
- Odour: Odourless
- Odour threshold: Not determined.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

Trade name: Graphilor XTH

(Contd. of page 3)

- pH-value: Not applicable.
- Change in condition
 - Melting point/freezing point: Undetermined.
 - Initial boiling point and boiling range: Undetermined.
- Flash point: Not applicable.
- Flammability (solid, gas): Not determined.
- Ignition temperature: Not applicable.
- Decomposition temperature: Not determined.
- Auto-ignition temperature: Product is not self igniting.
- Explosive properties: Product does not present an explosion hazard.
- Explosion limits:
 - Lower: Not determined.
 - Upper: Not determined.
- Vapour pressure: Not applicable.
- Density at 20 °C: 1.8-1.95
- Relative density : Not determined.
- Vapour density : Not applicable.
- Evaporation rate : Not applicable.
- Solubility in / Miscibility with water: Insoluble.
- Segregation coefficient (n-octanol/water): Not determined.
- Viscosity:
 - Dynamic: Not applicable.
 - Kinematic: Not applicable.
 - Kinematic: Not applicable.
- 9.2 Other information : No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions : No dangerous reactions known.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

Trade name: Graphilor XTH

(Contd. of page 4)

- 10.4 Conditions to avoid : No further relevant information available.
 - 10.5 Incompatible materials: No further relevant information available.
 - 10.6 Hazardous decomposition products: No dangerous decomposition products known.
-

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
 - Acute toxicity Based on available data, the classification criteria are not met.
 - Primary irritant effect:
 - On the skin: Based on available data, the classification criteria are not met.
 - On the eyes: Based on available data, the classification criteria are not met.
 - Respiratory or skin sensitization Based on available data, the classification criteria are not met.
 - Additional toxicological information:
 - CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
 - Germ cell mutagenicity Based on available data, the classification criteria are not met.
 - Carcinogenicity Based on available data, the classification criteria are not met.
 - Reproductive toxicity Based on available data, the classification criteria are not met.
 - STOT-single exposure Based on available data, the classification criteria are not met.
 - STOT-repeated exposure Based on available data, the classification criteria are not met.
 - Aspiration hazard Based on available data, the classification criteria are not met.
-

SECTION 12: Ecological information

- 12.1 Toxicity
 - Aquatic toxicity: No further relevant information available.
 - 12.2 Persistence and degradability : No further relevant information available.
 - 12.3 Bioaccumulative potential : No further relevant information available.
 - 12.4 Mobility in soil : No further relevant information available.
 - Additional ecological information:
 - General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
 - 12.5 Results of PBT and vPvB assessment
 - PBT: Not applicable.
 - vPvB: Not applicable.
 - 12.6 Other adverse effects : No further relevant information available.
-

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation : Smaller quantities can be disposed of with household waste.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

Trade name: Graphilor XTH

(Contd. of page 5)

SECTION 14: Transport information

- 14.1 UN-Number
· ADR, ADN, IMDG, IATA Not classified as hazardous for transport
- 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA Not classified as hazardous for transport
- 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class Not classified as hazardous for transport
- 14.4 Packing group
· ADR, IMDG, IATA Not classified as hazardous for transport
- 14.5 Environmental hazards:
· Marine pollutant: No
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code Not applicable.
- UN "Model Regulation": Not classified as hazardous for transport

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.
- REGULATION (EU) 2019/1148
- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.
- Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.
- Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.
- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2022

Version number 2

Revision: 22.05.2022

Trade name: Graphilor XTH

(Contd. of page 6)

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern vPvB:
very Persistent and very Bioaccumulative