



SAFETY DATA SHEET

NAME: WATER SOLUBLE
GRAPHITE POWDER

REVISION: 04

DATA: 17-02-2021

1 – PRODUCT AND COMPANY IDENTIFICATION

Product trade name	ArtGraf Water Soluble Graphite Powder
Applications	Drawing and painting
Applicable Age Grade	Adults
Supplier	Viarco, Indústria de Lápis, Lda Rua Jaime Afreixo, 533 3700-144 São João da Madeira Portugal Phone Number: (+351) 256 830 880 Fax: (+351) 256 830 889 Opening Hours: 09h – 13h / 14h – 18h (Lisbon Time Zone) Email – geral@viarco.pt
Emergency phone Numbers	United States Emergency phone number: 911 National Capital Poison Center phone number: 1-800-222-1222

2. HAZARDS IDENTIFICATION

It is not expected to cause any adverse effect on human health when used properly or under foreseeable inadequate circumstances. This product has been considered as non-toxic by Toxicologist according to the Toxicological Risk Assessment (TRA) and ASTM D-4236 standard. It does not require any hazard label. The product must bear the following statement: Conforms to ASTM D-4236.

3. COMPONENTS COMPOSITION / INFORMATION

Chemical Names and Synonyms	Mixture of pigments, fillers, binders, waxes and wood. Product has been considered as non-toxic by Toxicologist according to the Toxicological Risk Assessment (TRA) and conforms to LHAMA-ASTM D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.		
Chemical Name or Synonyms	Chemical Name or Synonyms	Chemical Name or Synonyms	
N/D	N/D	N/D	



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4. FIRST AID

Eye Contact	Rinse with plenty of water. In case of irritation, seek medical advice.
Skin Contact	Wash the affected area with water and soap.
Inhalation	Move the exposed person to fresh air at once. If respiratory tract irritation, dizziness or nausea continues, seek medical advice.
Ingestion	It is not a hazard. Seek medical advice in case of discomfort. Do not induce vomiting.

5. FIREFIGHTING MEASURES

Fire Extinguishing Means	Foam, chemical dust, Halon (BCF) and pulverized water.
Firefighting Procedures	This product is not inflammable, however, usual procedures in chemicals products firefighting should be followed. Hazards related to other materials involved should be accounted for. Contaminated water resulting from fighting must be prevented from going into the sewage or drinking water supply systems.
Special Protection Equipment	Firemen should use stand-alone breathing equipment to fight in close areas.

6. MEASURES IN CASE OF ACCIDENTAL SPILL

Procedures in case of spill	Remove with a shovel and dispose abiding by applicable legislation. Take into account the substances characteristics at the disposal moment.
Precautions towards the environment	Avoid spills penetration into sewage, stormwater or any contact with soil.

7. HANDLING AND STORAGE

Precautions for safe handling	The product does not require special handling measures. For personal protection see Section 8.
Requirements to be met by containers	Store in a cool dry place and keep the container tightly closed. As general storage conditions, should avoid heat sources, radiation, electricity and contact with food.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Consideration was given to consumer exposure with intended product use and under circumstances involving reasonable foreseeable misuse. Intentional product misuse was not considered within the scope of the assessment. This evaluation was conducted under assumption that potential acute exposure to product ingredients is through the dermal route and possibly the oral route through accidental ingestion. Any volatile compounds within the product were evaluated for the inhalation route of exposure. Chronic exposure is only considered to occur via the dermal route given that chronic accidental ingestion is unlikely.

Technical measures	Provide good room ventilation, which can be achieved by good local exhaust ventilation, and a good general extraction system.
Respiratory protection	If the recommended technical measures are met, any personal protective equipment is not necessary.
Eye protection	None under normal use conditions
Skin protection	None under normal use conditions

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical state	Powder	Color	Grey
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10. STABILITY AND REACTIVITY

Reactivity	The product presents no risk due to its reactivity.
Chemical Stability	Stable under the handling and storage recommended.
Possibility of Hazardous Reactions	The product has no possibility of hazardous reactions.
Hazardous decomposition products	In case of fire can be hazardous decomposition products such as carbon monoxide and carbon dioxide gases.

11. TOXICOLOGICAL INFORMATION

There are no available data sent from the product.

Repeated or prolonged contact with the product can cause elimination of fat from the skin, resulting in non-allergic contact dermatitis and that the product is absorbed through the skin.

Splatters in the eyes can cause irritation and reversible damage.

No information is available on the toxicity of these substances.



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12. ECOLOGICAL INFORMATION

Toxicity	No information is available on the toxicity of the substances present.
Persistence and degradability	No information is available about persistence and degradability of the product.
Bioaccumulation potential	No information is available regarding the bioaccumulation of the substances present.
Mobility in soil	No information is available about the mobility in soil. Avoid contamination of soil.
Other adverse effects	There is no information about other adverse effects on the environment.

13. DISPOSAL CONSIDERATIONS

Waste and empty containers must be handled and disposed of in accordance with local / national current legislation.

14. TRANSPORT INFORMATION

It is not dangerous on shipping. In case of accident and spill the product, act in accordance with section 6.

15. REGULATORY INFORMATION

R and S phrases	R42/R43 S45
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16. OTHER INFORMATION

Meaning of the symbols of danger and R and S phrases

R42/43 - May cause sensitization by inhalation and skin contact.

S45 - In case of accident call a doctor

The safety data has been produced according with Regulation nº 1907/2006/CE

The information present on this document is based on our current knowledge and experience, describes the product and indicates the security requirements, not the properties or product specifications.

This information does not give warranty of product applicability in specific applications. It is user responsibility to create conditions for the safe use of this product as well as the use of this information.