

## ***Safety Data Sheet (SDS)***

### **Applicant information**

Applicant : *A.Algeo Ltd*  
: *Sheridan House*  
Address : *Bridge Industrial Estate*  
*Speke Hall Road*  
*Liverpool L24 9HB, UK.*  
Contact person : *Rosalind Atmore.*  
Telephone No. : *44 (0)151 448 1228.*  
E-mail : */.*

### **Sample information**

Sample Name : *Carbon insoles .*  
End Use : *For wear .*  
Product User : *Industrial uses .*

### **Service requirement**

Service requirement: : *According to Declaration of ingredients by client requirement.*  
Data of reviewed : *November 18, 2024*  
Date of issue : *November 19, 2024*

### **Remarks:**

*The information provided in this material safety data sheet including the recommendations for use and application of the product are based on our knowledge. Any liability in respect of the information in the material safety data sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed. This material data sheet may only be reproduced and distributed in full.*

### **Signed for and on behalf of**

**Technical Center:**



Zhejiang J-testing Service Co.,Ltd.



## ***Safety Data Sheet (SDS)***

### ***Section1. Identification of the Substances/Preparation and of the Company/Undertaking***

#### ***Product Details***

***Trade Name:***Carbon insoles .

***End uses:*** For wear .

***Manufacturer/Supplier:***A.Algeo Ltd

***Address:***Sheridan House

Bridge Industrial Estate

Speke Hall Road

Liverpool L24 9HB, UK.

***Contact Person:***Rosalind Atmore.

***E-Mail:***/.

***Tel:***44 (0)151 448 1228

#### ***Information in Case of Emergency***

***Tel:***44 (0)151 448 1228

***Contact Person:***Rosalind Atmore.

### ***Section2. Hazards Identification***

#### ***Classification of the substance or mixture***

***Product definition:***Article.

***Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] and its amendments (Last updated Document : (EU) 2023/1434) .***

*The product is not classified as hazardous according to the CLP regulation.*

#### ***Label elements***

***Label according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] and its amendments***

***Hazard pictograms*** : No pictogram is used.

***Signal word*** : No signal word is used.

***Hazard Statements*** : No hazard statement.

***Precautionary statements*** :

*Prevention* None.

*Response* None.

*Storage* None.

*Disposal* None.

**Other hazard:**

*Results of PBT and vPvB assessment:*

*PBT: Not applicable.*

*vPvB: Not applicable.*

*Results of endocrine disrupting properties assessment:*

*The mixture does not contain endocrine disruptor.*

*See section 11 for more detailed information on health effects and symptoms.*

### Section 3. Composition/Information on Ingredients

**Description:** This product is regarded as manufactured article. Consist of the following ingredients:

<b>Components Name</b>	<b>CAS No.</b>	<b>EC No.</b>	<b>Weight (%)</b>	<b>Classification according to Regulation SOR/2015-17</b>	<b>Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)</b>
PC (Polycarbonate)	24936-68-3	607-454-4	30-50	Not classified.	N/A
Acrylonitrile Butadiene Styrene	9003-56-9	618-371-8	20-50	Not classified.	N/A
Carbon fibers	308063-56-1	926-722-4	10-30	Not classified.	N/A
Polystyrene	9003-53-6	500-008-9	5-15	Not classified.	N/A

### Section 4. First-Aid Measures

**Description of first-aid measures**

*General advice Consult a physician. Show this material safety data sheet to the doctor in attendance.*

**In case of eye contact**

*Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.*

**If inhaled**

*If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.*

**In case of skin contact**

*Wash off with soap and plenty of water. Consult a physician.*

**If swallowed**

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*Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.*

***Most important symptoms and effects, both acute and delayed***

*The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11*

***Indication of any immediate medical attention and special treatment needed***

*Treat symptomatically.*

## **Section 5. Fire-Fighting Measures**

***Flammability of Products:*** *This product is incombustible.*

***Extinguishing Media:*** *Use water spray, dry chemical or carbon dioxide.*

***Hazardous Combustion/Decomposition Products:*** *No special fire hazard.*

***Special Protective Equipment for Firefighters:*** *If necessary, Wear self-contained breathing apparatus and full protective suit for firefighting.*

***Further information:****No data available.*

## **Section 6. Accidental Release Measures**

***Personal precautions, protective equipment and emergency procedures:*** *No special personal precautions required.*

***Environmental precautions:****Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.*

***Methods and materials for containment and cleaning up:***

*Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.*

## **Section 7. Handling and Storage**

### ***Handling***

***Advises on Safe Handling:***

*No special precaution measure required.*

### ***Hygiene measures***

*Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. For precautions see section 2.*

### ***Storage***

***Requirements for Storage Rooms and Vessels:*** *Keep in a dry and cool place. Keep away from open flames, hot surfaces.*

***Advice on Storage Compatibility:*** *Store away from oxidizing agents.*

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## Section 8. Exposure Controls/Personal Protection

**Exposure Limits:** Not established.

**Engineering Control:** Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work. See section 7 for information about design of technical facilities.

**Personal Protective Equipment:**

**Respiratory Protection:** Not necessary under normal and intended conditions.

For industrial applications, following protection required: Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

**Eye Protection:** Not necessary under normal and intended conditions.

**Skin Protection:** Not necessary under normal and intended conditions.

For industrial applications, following protection required: Gauntlets, boots, bodysuit are recommended.

**Hand Protection:** Not necessary under normal and intended conditions.

For industrial applications, following protection required:

Protective gloves: Latex gloves, butyl rubber gloves (thickness > 0.11 mm, break through time approx. 480 min).

**Thermal hazards:** Not required under normal conditions of use. For industrial applications, following protection required: The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

**Environmental exposure controls:** Control measures must be made in accordance with Community environmental protection legislation.

**Hygiene Measures:** Not necessary under normal and intended conditions.

## Section 9. Physical and Chemical Properties

### General Information

<b>Form:</b>	Solid .
<b>Color:</b>	Black.
<b>Odor:</b>	Odorless.
<b>pH:</b>	N/A
<b>Melting Point/Range:</b>	N/A
<b>Boiling Point/Range:</b>	N/A
<b>Ignition Temperature:</b>	N/A
<b>Flash Point:</b>	N/A
<b>Density (20 °C):</b>	N/A
<b>Relative Vapor Density(Air=1):</b>	N/A

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<b>Vapor Pressure:</b>	N/A
<b>Evaporation Rate &amp; Reference:</b>	N/A
<b>Solubility in/Miscibility with Water:</b>	Partly soluble in water.
<b>Explosion Limits in Air:</b>	Will not occur
<b>Particle characteristics</b>	N/A
<b>Viscosity</b>	Viscosity, kinematic:No data available Viscosity, dynamic:No data available
<b>Decomposition temperature</b>	No data available
<b>Oxidizing properties</b>	No data available

## Section 10. Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**Conditions to Avoid:** Open flame.

**Materials to Avoid:** Strong oxidizing agents, strong acid.

**Hazardous Decomposition Products:** No hazardous decomposition products under normal condition. In the event of fire: see section 5.

**Hazardous Polymerization:** Will not occur.

## Section 11. Toxicological Information

**Acute Toxicity:** No data available.

**Serious Eye Damage/Eye Irritation:** No data available.

**Skin Corrosion/Irritation:** No data available.

**Respiratory or Skin Sensitization:** No data available.

**Germ Cell Mutagenicity:** No data available.

**Carcinogenicity:**

**Carcinogenicity - Rat - Implant**

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Tumorigenic: Tumors at site of application. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

**Carcinogenicity - Rat - Oral**

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: Tumors. Skin and Appendages: Other: Tumors.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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*NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.*

*OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.*

**Reproduction Toxicity:** No data available.

**Specific Target Organ Toxicity - Single Exposure:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure:** No data available.

**Aspiration Hazard:** No data available.

**Endocrine Disrupting Properties Hazard:**No data available.

**Other hazards:** Avoid contamination of water bodies during clean up and disposal.

## Section 12. Ecological Information

**Ecotoxicity:** No hazards expected to environment under normal usage.

**Mobility:** No data available.

**Persistence and Degradability:**No data available.

**Bioaccumulation:** No data available.

**Results of PBT and vPvB assessment****PBT/vPvB assessment** :Not available as chemical safety assessment not required/not conducted.

**Endocrine Disrupting Properties:**The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Other adverse effects:** No data available.

## Section 13. Disposal Considerations

### **Waste treatment methods**

#### **Product**

Small quantity can be disposed with household waste. As in big quantity, recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

#### **Contaminated packaging**

Disposed as unused product.

## Section 14. Transport Information

### **Air Transportation (IATA/ICAO)**

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*IATA-UN Number: Not classified for transport*  
*IATA-Class: Not classified for transport*  
*IATA-Shipping Name: Not classified for transport*  
*IATA-Label: None*  
*IATA-Packing Group: Not classified for transport*  
*IATA-S.P.: None*  
*IATA-ERG: None*

**Road Regulation (ADR/RID)**

*ADR-UN Number: Not classified for transport*  
*ADR-Class: Not classified for transport*  
*ADR-Shipping Name: Not classified for transport*  
*ADR-Packing Group: Not classified for transport*

**Marine Transportation (IMO/IMDG)**

*IMDG-Marine Pollutant: No*  
*IMDG-UN Number: Not classified for transport*  
*IMDG-Class: Not classified for transport*  
*IMDG-Shipping Name: Not classified for transport*  
*IMDG-Packing group: Not classified for transport*  
*IMDG-Storage Category: Not classified for transport*

**Suggestion according to IMO IMDG Code**

*The product is not subject to IMO IMDG Code.*

**Special precautions for user**

**Further information:** *Not classified as dangerous in the meaning of transport regulations.*

**Transport in bulk according to IMO instruments**

*No data available*

**Environmental hazards**

*ADR/RID: No      IATA: No      IMDG: No*

**Section 15. Regulatory Information****International Regulations**

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

*For classification and labeling information see section 2.*

**Chemical safety assessment**

*Please pay attention on the waste treatment should also comply with local regulations requirement.*



**Section 16. Other Information**

*Full text of H Statements in section 2 are as following:*

*The product is not classified as hazardous according to the CLP regulation*

**Abbreviations:**

*RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail*

*pH - Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14,  
where 0 is highly acidic and 14 is highly alkaline*

*OSHA- Occupational Safety and Health Administration*

*NTP – National Toxicology Program*

*ICAO –International Civil Aviation Organization*

*IATA –International Air Transport Association*

*LC50- Lethal Concentration 50%*

*LD50- Lethal Dose 50%*

*EC50- Effective Concentration 50%*

*ADR –Agreement on Dangerous Goods by Road*

*IARC- International Agency for Research on Cancer*

*CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds*

*ACGIH – The American Conference of Governmental Industrial Hygienists*

*IMO – International Marine Organization*

*IMDG - International Maritime Dangerous Good*

**Further Information:**

*-Classification and labelling information included in section 2:*

*The following regulations have been used: EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182(15th ATP).*

*-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.*

*-This safety data sheet was prepared in accordance with The EU CLP REGULATION (EC) No 1272/2008, Regulation(EC) No.1907/2006 (REACH), Annex II,as amended by Regulation(EU) No. 2020/878.*

**Department Issuing SDS:**A.Algeo Ltd

**Issue Date:** 11.19, 2024.

\*\*\*\*\*End of The SDS\*\*\*\*\*