

# Material Safety Data Sheet

## According to 91/155 EC

Printing date 16.09.2003

Reviewed on 16.09.2003

### 1 Identification of substance:

- **Product details:**
- **Trade name:** Aramid fibre
- **Application of the substance / the preparation** Composite Matrix
- **Manufacturer/Supplier:**  
SP SYSTEMS LTD  
ST. CROSS BUSINESS PARK  
NEWPORT I.O.W.  
PO30 5WU  
UNITED KINGDOM
- TEL.: +44 (0) 1983 828000  
FAX : +44 (0) 1983 828100  
OUT OF HOURS EMERGENCY.: +44 (0) 2392 241208
- **Informing department:** Product safety department.

### 2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Designation:**  
26125-61-1 aramid fibre
- **Identification number(s):** /

### 3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment** void

### 4 First aid measures

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.

### 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Collect mechanically.
- **Additional information:** No dangerous materials are released.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Provide suction extractors if dust is formed.
- **Information about protection against explosions and fires:** Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.

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- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store under dry conditions.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:**  
It is not advisable to exceed a concentration of 2.5 fibres/cc air, where the where the weighted average concentration over 8 hours (standard working day) is 2 fibres/cc.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to general rules for handling chemicals.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves.

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed safety glasses.

- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

#### · General Information

**Form:** Fibres  
**Colour:** Yellow  
**Odour:** Odourless

#### · Change in condition

**Melting point/Melting range:** Not determined  
**Boiling point/Boiling range:** Not determined

· **Flash point:** Not applicable

· **Ignition temperature:**

· **Decomposition temperature:** 500°C

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1.45 g/cm<sup>3</sup>

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- **Solubility in / Miscibility with Water:** Insoluble

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritant effect.
- **Sensitization:** Sensitizing effect by skin contact is possible by prolonged exposure.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.  
The material is not subject to classification according to EC lists in the last version.

### 12 Ecological information:

- **General notes:** Not known to be hazardous to water.

### 13 Disposal considerations

- **Product:**
- **Recommendation** Must be specially treated under adherence to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVSE Class:** /
- **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

- **Designation according to EC guidelines:**  
The material is not subject to classification according to EC lists and other sources of literature known to us.  
Observe the normal safety regulations when handling chemicals  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

### 16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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- **Department issuing data specification sheet:** Environment protection department.
- **Contact:**  
HARALD BEHMER  
NICK PARTINGTON
- **\* Data compared to the previous version altered.**

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