

### SECTION 1: Identification of the article and of the company/undertaking

#### 1.1. Product identifier

Article name : ABS KEVLAR

#### 1.2. Relevant identified uses of the article and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety document

KIMYA  
20 rue Chevreul  
44100 Nantes - France  
T +33(0)2 40 38 40 00  
[contact@kimya.fr](mailto:contact@kimya.fr) - [www.kimya.fr](http://www.kimya.fr)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

Not applicable

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### SECTION 3: Composition/information on ingredients

Acrylonitrile Butadiene Styrene copolymer / Aramid fibers

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Move to fresh air in case of accidental inhalation. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Get medical advice/attention. Cool skin rapidly with cold water after contact with molten product. Gently wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

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

Symptoms/effects : Mechanical irritation from the particulates generated by the product.

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

Remove victim to fresh air. Obtain medical attention.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Foam, powder, carbon dioxide (CO<sub>2</sub>), water spray.

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### 5.2. Special hazards arising from the article

Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon oxides (CO, CO<sub>2</sub>). Nitrogen Oxides (NO<sub>x</sub>). Hydrogen cyanide. Styrene. Acrylonitrile. Do not breathe fumes.

### 5.3. Advice for firefighters

Firefighting instructions : Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Wear fire/flame resistant/retardant clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : If spilled, may cause the floor to be slippery.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Do not allow product to spread into the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Avoid dust formation.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid dust formation. Handling this product may result in electrostatic accumulation. Use proper grounding procedures.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Protect from moisture. Keep away from heat and direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

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### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Risk of thermal burns on contact with molten product. Do not breathe dust. Provide adequate ventilation to minimize dust concentrations.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Where excessive dust may result, wear goggles

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Black.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 350 °C
Auto-ignition temperature	: 350 °C
Decomposition temperature	: > 300 °C
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1 – 2 g/cm <sup>3</sup>
Solubility	: not soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.

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Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Acetaldehyde. Hydrogen cyanide. Acrolein. Styrene. Toluene. Acrylonitrile.

## SECTION 11: Toxicological information

No additional information available

## SECTION 12: Ecological information

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

## SECTION 14: Transport information

Exempt from transport classification and labelling

## SECTION 15: Regulatory information

No additional information available

## SECTION 16: Other information

No additional information available

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.