

SECTION 1: Identification of the article and of the company/undertaking**1.1. Product identifier**

Article name : PEBA-S

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

ARMOR 3D

7, rue de la Pélissière

44118 La Chevrolière - France

T +33(0)240384000

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

Polyether block amides

SECTION 4: First aid measures**4.1. Description of first aid measures**

First-aid measures general : No hazards which require special first aid measures.

First-aid measures after inhalation : Move to fresh air in case of accidental inhalation. Give oxygen or artificial respiration if necessary. If symptoms persist call a doctor.

First-aid measures after skin contact : Gently wash with plenty of soap and water. Cool skin rapidly with cold water after contact with molten product. Remove the product with vegetable oil or paraffin. Do not pull solidified product away from the skin. Treat as thermal burns. Get medical advice/attention.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an ophthalmologist if irritation persists. In the event of contact with molten product : Rinse immediately with plenty of water. Consult an eye specialist immediately.

First-aid measures after ingestion : Get medical advice/attention if you feel unwell.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media : Water spray. Carbon dioxide. Foam.

5.2. Special hazards arising from the article

Hazardous decomposition products in case of fire : Temperature 300 – 350°C. May release : Monomer and oligomer (white fumes).

Temperatures above 350°C. Thermal decomposition generates : Carbon monoxide. Ammonia. Amine derivatives.

Temperatures above 500°C. Thermal decomposition generates : Carbon oxides (CO, CO₂). Hydrogen cyanide.**5.3. Advice for firefighters**

Firefighting instructions : Get the package away from the fire if this can be done without risk.

Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

General measures : Remove ignition sources. Avoid contact with skin and eyes. Do not breathe dust. Where excessive dust may result, wear approved mask. In case of insufficient ventilation, wear suitable respiratory equipment.

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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. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spillage. Spilled material may present a slipping hazard. Shovel or sweep up and put in a closed container for disposal. Dispose of in accordance with relevant local regulations.

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 : Provide adequate ventilation to minimize dust and/or vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Avoid dust formation. Where excessive dust may result, wear approved mask. Take precautionary measures against static discharges. No naked flames, sparks, and do not smoke. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures : Avoid contact with skin and eyes. Do not breathe dust. Always wash hands after handling the product. Do not eat, drink or smoke during use. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from moisture. Keep away from heat. Keep away from ignition sources. Earth the equipment.

Incompatible products : Strong acids. Strong oxidizers.

Storage temperature : $\leq 60\text{ }^{\circ}\text{C}$

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Boots

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Colour : natural colour.
Odour : No data available
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : $147\text{ }^{\circ}\text{C}$
Freezing point : No data available
Boiling point : No data available
Flash point : No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: 300 - 350 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
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 additional information available

10.2. Chemical stability

Stable under the recommended storage conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Avoid ignition sources. Moisture. Keep away from heat.

10.5. Incompatible materials

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Temperature 300 – 350°C. May release : Monomer and oligomer (white fumes).

Temperatures above 350°C. Thermal decomposition generates : Carbon monoxide. Ammonia. Amine derivatives.

Temperatures above 500°C. Thermal decomposition generates : Carbon oxides (CO, CO₂). Hydrogen cyanide.

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.

SECTION 14: Transport information

Not applicable

SECTION 15: Regulatory information

No additional information available

SECTION 16: Other information

No additional information available

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.