

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

### 1.1. Product identifier

Article name : ASB-ESD

### 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

Modified acrylonitrile butadiene styrene copolymer

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Protective equipment emergency responders.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. If symptoms persist call a doctor.
First-aid measures after skin contact	: Wash skin with plenty of water. Cool skin rapidly with cold water after contact with molten product. Do not pull solidified product away from the skin.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Get medical advice/attention. Do NOT induce vomiting.

### 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

Treat as thermal burns.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

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### 5.2. Special hazards arising from the article

Explosion hazard : Avoid dust formation.  
Hazardous decomposition products in case of fire : fume. May release : Toxic and irritating gases are released. Nitrogen Oxides (NOx). Carbon oxides (CO, CO2). Small amounts: Styrene. Hydrogen cyanide.

### 5.3. Advice for firefighters

Firefighting instructions : Keep public away from danger area. Use water spray or fog for cooling exposed containers.  
Protection during firefighting : Use self-contained breathing apparatus and chemically protective 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. Wear personal protective equipment.

#### 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

Prevent liquid from entering sewers, watercourses, underground or low areas.

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

For containment : Dike and contain spill.  
Methods for cleaning up : On land, sweep or shovel into suitable containers.

### 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 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep workplace clean and tidy as much as possible. Avoid formation of dust. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Handling this product may result in electrostatic accumulation. Use proper grounding procedures.

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

No additional information available

### 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

#### Materials for protective clothing:

Wear proper protective equipment

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### Eye protection:

Wear closed safety glasses

### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

### Other information:

Use good personal hygiene practices. Do not eat and do not drink during use. Always wash hands after handling the product.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Odour	: odourless.
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	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.05 – 1.07
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (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 dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

Above a temperature of 300°C. May decompose at high temperature.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Thermal decomposition generates : smokes.

## 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 : Recycling is preferred to disposal or incineration.

## 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.