

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.03.2011

Revision: 26.03.2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** ABS EDGING
- **CAS Number:**
9003-56-9
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Article category** AC13 Plastic articles
- **Application of the substance / the preparation** Parts and fittings for the furniture industry
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
PLASTIVAR s.r.l.
Viale Rimembranze, 1
23879 VERDERIO INFERIORE (LC)
- **Telephone:** 039.510.662 - **Fax** 039.510.663
- **Further information obtainable from:**
PLASTIVAR s.r.l.
info@plastivar.it
- **Emergency telephone number:** Tel. +39 039 510.662 office hours (8:30 - 18:00)



2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC not applicable**
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
The substance is not subject to classification according to EU lists and other sources of literature known to us.
Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
The product has not been classified and marked in accordance with EU Directives / respective national laws.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description:**
9003-56-9 ABS (Acrylonitrile-Butadiene-Styrene)
- **Identification number(s):** .

GB

(Contd. on page 2)

Safety data sheet

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Revision: 26.03.2011

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(Contd. of page 1)

4 First aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact**
If molten material comes in contact with skin may cause burns. In these cases, cooling and / or wash the affected area immediately with plenty of cold running water, cover with a sterile dressing and seek medical attention immediately. NOT groped to remove any molten material from the skin.
In case of burns serious transport the injured to hospital.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
water (H₂O), carbon dioxide (CO₂) and in the absence of oxygen, carbon monoxide (CO).
In the early stages of fire may form hydrocarbons and aldehydes.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling**
Extractors are required on all machines used for thermal processing or splinter removal processes.
Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.
No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

(Contd. on page 3)

GB

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(Contd. of page 2)

· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Do not eat or drink while working.
- **Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed.
- **Protection of hands:** Heat resistant 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.
- **Penetration time of glove material .**
- **Eye protection:** Not required.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Solid.
 - **Colour:** According to product specification
 - **Odour:** Odourless
- **pH-value:** Not applicable.
- **Change in condition**
 - **Melting point/Melting range:** approx. 100 °C
- **Flash point:** Not applicable
- **Flammability (solid, gaseous)** Product is not flammable.
- **Ignition temperature:**
 - **Decomposition temperature:** > 300°C
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** 1.040 - 1.070 g/cm³
- **Solubility in / Miscibility with**
 - **Water:** Insoluble

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

(Contd. on page 4)

Safety data sheet
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Revision: 26.03.2011

Trade name: **ABS EDGING**

(Contd. of page 3)

· **Hazardous decomposition products:** Carbon monoxide and carbon dioxide**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:****9003-56-9 ABS (Acrylonitrile-Butadiene-Styrene)**

Dermal LD50 > 5.000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- **Toxicity**
 - **Acquatic toxicity:** No further relevant information available.
 - **Persistence and degradability** No further relevant information available.
 - **Behaviour in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
 - **Additional ecological information:**
 - **General notes:**
- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
 - **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.

· **European waste catalogue**

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 02 00 wastes from the MFSU of plastics, synthetic rubber and man-made fibres

07 02 13 waste plastic

- **Uncleaned packaging:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** No

(Contd. on page 5)

Safety data sheet
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(Contd. of page 4)

- **Maritime transport IMDG:**

- **IMDG Class:** No

- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** No

- **UN "Model Regulation":** -

- **Special precautions for user** Not applicable.

- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

15 Regulatory information

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

- **National regulations**

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

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.

- **Department issuing MSDS:** PLASTIVAR s.r.l.

- **Contact:** PLASTIVAR s.r.l.

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent