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## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### 1.1 Product Identifier – ABS Edge Bandings

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified Application:** protecting the side surfaces of furniture boards. For professional use only.

**Uses advised against:** Not Specified

#### 1.3 Details of supplier of safety data sheet

POLKEMIC Sp. z o.o.  
 ul. Boya-Żeleńskiego 2a35-  
 105 Rzeszów  
 Tel. +48 17 85 40 624  
 Fax. +48 17 85 40 888  
[biuro@polkemic.pl](mailto:biuro@polkemic.pl)  
[www.polkemic.pl](http://www.polkemic.pl)

#### 1.4 Emergency telephone number

112 (general emergency), 998 (fire service), 999 (ambulance)

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

ABS furniture edging is not classified as dangerous according to criteria  
 EC Classification 1272/2008/EC and 67/548/EEC.

### 2.2 Label Elements

According to European Union legislation, the CLP regulation and national legislation the product is not hazardous and does not require labelling.



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#### 2.3 Other Hazards

No specific information, no information on meeting the PBT or vPvB criteria in accordance with Annex XIII of Regulation 1907/2006 (REACH).

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Chemical composition

Not applicable.

#### 3.2 Mixture

This product is a mixture

CAS No./EC No./ Index No.	REACH Registration No	% weight	Component	Classification in accordance (EC) NO 1272/2008
CAS No 9003-56-9 EC No. Polymer Index No. -	-	>99%	Acrylonitrile-butadiene-styrene resin	Not classified

### 4. SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### 4.1.1 Inhalation exposure

After inhaling decomposition products, ensure rest in any body position, provide access to fresh air. Call a doctor immediately if any alarming symptoms occur.

##### 4.1.2 Skin contact

In the event of contact with a hot molten product, quickly cool the contact area with cold water.

##### 4.1.3 Eye contact

In case of eye contact - remove contact lenses, rinse contaminated eyes with plenty of lukewarm water, with eyelids rolled back. Necessary ophthalmological consultation in case of alarming symptoms.



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#### 4.1.4 Contact through the digestive tract

Not likely. In case of ingestion requires medical advice - possible mechanical obstruction of the digestive tract.

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

No adverse exposure effects are expected under normal conditions of use.

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

Remove affected person from contaminated environment - in case of product ignition. In case of health problems, contact a doctor or a toxicology centre.

### 5. SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

##### 5.1.1 Suitable extinguishing media

Water spray, dry extinguishing agents carbon dioxide, extinguishing foam.

##### 5.1.2 Unsuitable extinguishing media

Not specified.

#### 5.2 Special hazards arising from the substance or mixture


Flammable product. In case of fire, hazardous products may be formed: carbon monoxide, acrylonitrile, styrene, butadiene and other decomposition products. Avoid inhalation of combustion products as they may be hazardous to health.

#### 5.3 Information for fire-fighters

Effective protective equipment and breathing apparatus with independent air circulation.

In case of fire, cool endangered containers with water and remove from endangered area if possible.

Combustion residues and contaminated fire extinguishing water must be treated as hazardous waste and disposed of in accordance with local regulations.

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## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel:** Notify the surrounding enterprises of accident, remove from danger area all persons not involved in the elimination of the accident, order evacuation if necessary. Avoid contact with skin and eyes. Avoid inhalation of dust. Ensure effective ventilation. **For emergency responders:** Wear appropriate protective clothing.

### 6.2 Environmental precautions

Do not allow product to reach sewage system, surface or ground water or any lower lying area. Inform the relevant authorities if the product has caused environmental pollution (sewers, water courses, soil or air).

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

Secure damaged packaging, collect spilled product manually. Place collected product in substitute packaging for reuse or recycling.

### 6.4 References to other sections

Disposal of waste - SECTION 13

Personal protective equipment - SECTION 8

## 7. SECTION 7: HANDLING AND STORAGE OF SUBSTANCES/MIXTURES

### 7.1 Precautions for safe handling

#### **Protective measures:**

Avoid contamination of skin, eyes and inhalation of product. Wear appropriate personal protective equipment. Provide appropriate ventilation during heat treatment. Dust from the product poses a potential explosion risk and must be removed on an ongoing basis. Keep away from food and drink. Keep away from sources of fire, do not smoke. Do not eat, drink or smoke while handling the product, except in designated areas. Avoid direct contact with the product.

#### **Advice on general occupational hygiene:**

When working with the product do not eat, drink or smoke and observe the rules of personal hygiene. Wash hands before each break and after finishing work. Ensure good ventilation at the workplace.



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

Store in factory sealed containers in accordance with the manufacturer's recommendations and in accordance with applicable regulations. Protect the product from direct sunlight and moisture. Avoid exposure to very high temperatures and sources of ignition.

#### 7.3 Specific end use(s)

Protection of the side surfaces of furniture boards.

### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### National Maximum Allowable Concentration

In accordance with the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018. on the highest permissible concentrations and intensities of factors harmful to health in the working environment as amended.

Name of the substance	CAS No	MAC (mg/m <sup>3</sup> )	MTAC (mg/m <sup>3</sup> )	MPCH (mg/m <sup>3</sup> )
Styrene	100-42-5	50	100	-
Buta-1,3-dien	106-99-0	4,4	-	-
Acrylonitrile	107-13-1	2	10	-

DLNCC, PNEC- No data available

#### 8.2 Exposure controls

It is recommended to use the product in accordance with safety and hygiene rules. When working with the product do not eat, drink or smoke and observe the rules of personal hygiene. Wash hands before each break and after finishing work.

##### Personal protective equipment such as personal protective equipment

##### Respiratory protection :

Where dust may be generated, respiratory protective devices fitted with filters for particles must be used.

##### Eye and face protection:

The use of protective goggles is mandatory when processing.

##### Skin protection:

Wear protective gloves if there is a possibility of contact with the heated product.

##### Thermal hazard:

Protection is not required, the product does not present a thermal hazard.



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#### **Environmental exposure controls:**

Do not allow to enter drains, water courses or soil. Inform respective authorities if product has caused environmental pollution (soil, sewage system, water courses).

## **9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical State:	solid
Color:	embossed profile in various colours and textures
Odour:	odourless
Melting point/freezing point:	no data available
Boiling point or initial temperature	
boiling point and boiling point range:	no data available
Flammability (solid, gas):	flammable
Upper /lower explosive limit:	no data available
Flash point:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	≥ 260°C
pH:	no data available
Kinematic viscosity:	no data available
Solubility:	insoluble in water, in other solvents - soluble in polar solvents
Partition coefficient n-octanol/water:	not applicable
Vapour pressure:	not applicable
Relative density:	1,04g/cm <sup>3</sup> – 1,07 g/cm <sup>3</sup> (depending on the colour)
Relative vapour density:	not applicable
Particle characteristics:	not applicable

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## 9.2 Other information

Softening temperature: >90°C (ISO306)

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Not specified.

### 10.2 Chemical stability

The product is chemically stable under proper storage conditions.

### 10.3 Possibility of hazardous reactions

Not applicable.

### 10.4 Conditions to be avoided

Keep away from open flames, hot surfaces and sources of ignition.

### 10.5 Incompatible materials

Avoid strongly oxidising agents and strong acids.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition of the product should not occur.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

No data available for the product.

ATEmix (digestive tract) – calculation method

ATEmix: >2000 mg/kg – mixture does not meet CLP classification criteria

ATEmix (skin) – calculation method

ATEmix: >2000 mg/kg – mixture does not meet CLP classification criteria

ATEmix (inhalation) – calculation method


ATEmix: >5 mg/kg – mixture does not meet CLP classification criteria

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

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**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

The product will not cause harmful effects if used in accordance with the regulations

**12. SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No toxic effects are expected.

**12.2 Persistence and degradability**

The product does not decompose easily.

**12.3 Bioaccumulative potential**

Due to the form and poor water solubility, bioavailability of the product is unlikely.

**12.4 Mobility in soil**

Nie określono.


**12.5 Results of PBT and vPvB assessment**

Not applicable.

**12.6 Endocrine disrupting properties**

No data available for the product.



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**12.7 Other adverse effects**

No reports of adverse effects or critical hazards.

**13. SECTION 13: WASTE MANAGEMENT**

**13.1 Waste disposal methods**

Waste code: 120105 - waste from turning and smoothing of plastics.

Waste must not be released into the environment. Waste must be delivered to a qualified company. Recycling is possible for materials that are not contaminated.

**14. SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number or ID number**

Not applicable.

**14.2 UN proper shipping name**

Not applicable.

**14.3 Transport hazard class(es)**

Not applicable.

**14.4 Packing group**


Not applicable.

**14.5 Environmental hazard**

Not determined. The product is not classified as hazardous for transport regulations.

**14.6 Special precautions for users**

Use personal protective equipment.

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#### **14.7 Bulk maritime transport in accordance with IMO instruments**

Not specified.

### **15. SECTION 15: INFORMATION ON LEGAL PROVISIONS**

#### **15.1 Safety, health and environmental regulations/legislation relating to the substance or mixture**

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Act of 25 February 2011 on chemical substances and their mixtures.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of on chemicals (REACH) and establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.


Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 as amended.

ATP11 - COMMISSION REGULATION (EU) 2018/669 of 16 April 2018 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

ATP13 - Commission Regulation (EU) 2018/1480 of 4 October 2018 amending, for the purposes of adaptation to scientific and technical progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, and correcting Commission Regulation (EU) 2017/776.

ATP12- Commission Regulation (EU) 2019/521 of 27 March 2019 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

ATP14- Commission Delegated Regulation (EU) 2020/217 of 4 October 2019 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, and correcting on that Regulation. Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classification of chemical substances and their mixtures.

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Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the working environment. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018. On the maximum permissible concentrations and intensities of factors harmful to health in the working environment.

Regulation of the Minister of Economy of 21 December 2005 on the basic requirements for personal protective equipment, as amended.

Regulation of the Council of Ministers of 13 October 2015 amending the Regulation on the list of works that are particularly arduous or harmful to the health of women as amended.

Regulation of the Minister of Health of 26 March 2015 amending the Regulation on conducting medical examinations of employees, the scope of preventive health care for employees and medical certificates issued for the purposes provided for in the Labour Code.

Ordinance of the Minister of Health of 24 July 2015 amending the Ordinance on occupational safety and health related to the presence of chemical agents in the workplace.

Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012. on the export and import of dangerous chemicals.

## 15.2 Chemical safety assessment

A safety assessment of the product is not required.

The product is not classified as hazardous.

## 16. OTHER INFORMATION

### **Explanation of abbreviations and acronyms used in the Safety Data Sheet**

Classification and procedure used to classify the mixture in accordance with Regulation (EC) 1272/2008 :

The mixture does not meet the criteria for classification according to EC Regulation 1272/2008 (CLP).

### **Full text of H statements**

Not applicable

### **List of abbreviations and acronyms:**

PBT - Persistent, bioaccumulative and toxic

vPvB - Very persistent and very bioaccumulative substance

MAC – Maximum allowable concentration


DLNCC - Derivative levels not causing change

PNEC - Predicted no-effect concentrations

Kow - Octanol-water partition coefficient

MPCH – Maximum permitted concentration threshold

MTAC – Maximum temporary allowable concentration

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Safety data sheet prepared on the basis of the composition, physico-chemical data of the product, literature data, currently valid national regulations and our knowledge and experience. The Safety Data Sheet is not a product quality certificate. The data contained in the Safety Data Sheet should be regarded only as an aid to safe handling during transport, distribution, use and storage. Persons working with this product should be informed of the hazards and recommended precautions. The user is responsible for taking all steps to comply with the requirements of national law. The user bears full responsibility for determining the suitability of the product for its intended purpose. The data contained in this data sheet do not constitute an assessment of the safety of the user's workplace.

The information contained in this safety data sheet is correct to the best of our current knowledge and complies with the requirements of national and European Union law.

The information contained in this safety data sheet is not a guarantee of technical performance or suitability for specific applications.

Recommendations for the training of workers:

Workers using the product should be trained in health risks, hygiene requirements, use of personal protective equipment, accident prevention measures and first aid procedures.