



## MATERIAL SAFETY DATA SHEET

According to: EU Regulation No. 1907/2006/WE (REACH)  
EU Regulation No. 2020/878

### PVC EDGE BANDINGS

Issued: 21.04.2017

Revised: 05.01.2023

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

##### 1.1 Product identifier

PVC Edge Bandings – to protect side surfaces of furniture boards

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

**Identified application:** Furniture edge band

**Application advised against:** Not Specified

##### 1.3 Manufacturer's information

POLKEMIC Sp. z o.o.

Ul. Boya Żeleńskiego 2a

35-105 Rzeszów

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[biuro@polkemic.pl](mailto:biuro@polkemic.pl)

[www.polkemic.pl](http://www.polkemic.pl)

##### 1.4 Emergency phone number

General Emergency 112, Fire 998, Ambulance 999

#### 2. SECTION 2: HAZARDS IDENTIFICATION

##### 2.1 Hazard classification

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

##### 2.2 Label elements

According to the legal regulations of the European Union, the CLP regulation and national legislation, the product does not pose hazards and does not require labeling.

##### 2.3 Other hazards

No specific information, no information on meeting PBT or vPvB criteria according to Annex XIII of Regulation 1907/2006(REACH).

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

##### 3.1 Substances

Not applicable.

##### 3.2 Mixtures

This product is a mixture consisting of PVC [ poly(vinyl chloride) CAS number 9002-86-2], heavy metal free stabilizers, fillers and additives such as coloring pigments.

#### 4. SECTION 4: FIRST AID MEASURES

##### 4.1 General First Aid Guidelines

###### 4.1.1 Inhalation

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

###### 4.1.2 Skin contact

In case of contact with a hot melted products, cool the exposed area with cold water immediately.

###### 4.1.3 Eye contact

In case of eye contact with product chips, - remove contact lenses, flush the eyes with plenty of lukewarm water immediately. A medical attention is required if any disturbing effect occurs.



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#### 4.1.4 Ingestion

In case of ingestion, medical consultation necessary - possible mechanical obstruction of the gastrointestinal tract.

#### 4.2 Most important acute and delayed symptoms and effects of exposure

In case of usage of the product under normal conditions there are no adverse exposure issues.

#### 4.3 Instructions for immediate medical attention and special treatment

Remove the affected person out of the contaminated environment - in the case of the product ignition. If you have any other health problems, contact your doctor or toxicology center.

### 5. SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

##### 5.1.1 Suitable extinguishing media

Diffused water jet, dry extinguishing agents carbon dioxide, extinguishing foam.

##### 5.1.2 Unsuitable extinguishing media

None.

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

In case of fire, dangerous toxic thermal decomposition products may be formed: hydrogen chloride, carbon oxides, as well as toxic gases such as phosgene, nitrogen compounds, etc. Inhalation of combustion products should be avoided, as they can pose a health hazard.

Mechanical cutting and pneumatic lifting of products can lead to the formation of combustible dust. Avoid the formation of dust concentrations and electrostatic charge.

#### 5.3 Advice for firefighters

Use full equipment and respiratory isolation apparatus with independent air circulation.

Treat combustion residues and contaminated extinguishing water as hazardous pollution - dispose of in accordance with local regulations.

### 6. ACCIDENTAL RELEASE MEASURES

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

Restrict public access to the accident area until product removal is complete.

Wear appropriate protective clothing. Do not inhale dust. No emergency procedures are expected if the material is used under normal conditions as recommended.

#### 6.2 Precautions in the area of environmental protection

Protect the sewer drains. Do not permit contamination of surface water and top soil.

#### 6.3 Methods and materials to prevent the spread of contamination and contamination removal

Secure damaged packaging. Place the collected product in replacement packaging reuse or send to recycling.

Dust generated by sawing, grinding, drilling or milling of this product may be vacuumed or sent for recovery or disposal. Cleaning and dust disposal activities should be performed in a manner that minimizes the amount of airborne dust.

#### 6.4 In reference to other sections

Management of waste according to – SECTION 13

Personal protection according to – SECTION 8



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#### 7. SECTION 7: HANDLING AND STORAGE

##### 7.1 Precautions for safe handling

During any handling of the product: do not eat, do not drink, do not smoke.  
Observe regulations on dust explosion hazards during processing.  
Avoid the formation of dust concentrations and electrostatic charge.

In case of significant overheating of the material, gaseous decomposition products may be released.

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

Store in factory sealed packaging according to 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

Securing the sides of furniture boards.

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

##### 8.1 Control parameters

Limits have not been set. Dust must be controlled during cutting, sawing, drilling or other dust-generating processes.

##### 8.2 Exposure controls

Observe the general rules of occupational hygiene, do not eat food, do not leave food in the work area.

Respiratory protection :

In case of possible dust generation, use respiratory isolation apparatus equipped with filters for particles.

Eye protection:

It is mandatory to use safety glasses in case of processing.

Skin protection:

In case of possible contact with heated product, use protective gloves.

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

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

Appearance:	extruded section in various colors
Odour:	none
Odour threshold:	not applicable
pH:	no data available
Melting/Solidifying point:	no data available
Initial boiling point and boiling range:	no data available
Ignition point:	no data available
Vaporization rate:	not applicable
Flammability (solid, gas):	not applicable
Upper/lower explosion limit:	no data available
Vapour pressure:	not applicable
Vapour density:	not applicable
Relative density:	1,36g/cm <sup>3</sup> – 1,42 g/cm <sup>3</sup> (depending on the colour)
Solubility:	in water, ethanol - insoluble in other solvents - soluble in polar solvents, i.e. acetone, THF
N-octanol/water partition coefficient:	not applicable



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Self-ignition temperature:	no data available
Decomposition temperature:	≥ 300°C
Viscosity:	no data available
Explosion properties:	not applicable
Oxidation properties:	not applicable

#### 9.2 Other information

Softening temperature: >75°C (ISO 306)

### 10. SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

Not determined.

#### 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 avoid

Do not overheat in order to prevent thermal decomposition. Decomposition ≥ 200°C.

#### 10.5 Incompatible materials

Avoid strongly oxidizing agents and strong acids.

#### 10.6 Hazardous decomposition products

Decomposition can produce toxic products: hydrogen chloride, carbon oxides, as well as toxic gases like phosgene, nitrogen compounds.

### 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.

##### Skin corrosion/irritation

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

##### Serious eye damage/eye irritation

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

##### Respiratory or skin sensitization

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

##### Germ cell mutagenicity

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

##### Carcinogenic effect

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

##### Reproductive toxicity

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

##### Toxic effects on target organs - single exposure.

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

##### Toxic effects on target organs - 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

##### Endocrine disrupting properties.

The product does not cause harmful effects if used according to regulations



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#### 12. SECTION 12: ECOLOGICAL INFORMATION

##### 12.1 Toxicity

No toxic effects are anticipated.

##### 12.2 Durability and degradability

Not determined.

##### 12.3 Bioaccumulation ability

Not determined.

##### 12.4 Mobility in soil

Not determined.

##### 12.5 Results of the PBT and vPvB assessment

Not determined.

##### 12.6 Other harmful effects

No data available for the product

#### 13. SECTION 13: DISPOSAL CONSIDERATIONS

##### 13.1 Proper disposal methods

During disposal of waste observe the provisions of the Act of April 27, 2001 on waste - unified text (Journal of Laws of 2001 No. 62, item 628 with later amendments). Observe the provisions of the Act on packaging and packaging waste - unified text (Journal of Laws of 2001 No. 63, item 638 with later amendments).

Waste classification in accordance with the Regulation of the Minister of Environment of September 27, 2001 on the waste catalog (Journal of Laws of 2001, No. 112, item 1206).

Waste must not be introduced into the environment. Waste must be delivered to an authorized company. Proceed in accordance with local regulations.

Recycling is possible for materials that are not contaminated.

#### 14. SECTION 14: TRANSPORT INFORMATION

##### 14.1 UN Number

Not applicable.

##### 14.2 Proper UN transport name

Not applicable.

##### 14.3 Transport Hazard Class

Not applicable.

##### 14.4 Packaging Group

Not applicable.

##### 14.5 Environmental Threat

Undefined. The product is not classified as dangerous for transport needs.

##### 14.6 Specific safety precautions for users

Personal protection equipment should be used.

##### 14.7 Bulk transport in accordance with MARPOL Annex 2 and the IBC Code

Not determined.



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EU Regulation No. 2015/830

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#### 15. SECTION 15: REGULATORY INFORMATION

##### 15.1 Health and Safety, Environmental Regulations for specific substances or mixtures

- Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), 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.
- Commission Regulation (EU) No. 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
- Commission Regulation (EU) No. 453/2010 of May 20, 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
- Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of December 16, 2008 on classification, labeling 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.
- Directive 2006/12/EC of the European Parliament and of the Council of April 5, 2006 on waste, as amended.
- Council Directive 91/689/EEC of December 12, 1991 on hazardous waste, as amended.
- European Parliament and Council Directive 94/62/EC of December 20, 1994 on packaging and packaging waste, as amended.
- Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws No. 63, item 322).
- Regulation of the Minister of Health of February 8, 2010 on the list of hazardous substances with their classification and labeling (Journal of Laws No. 27, item 140).
- Regulation of the Minister of Health of September 2, 2003 on the criteria and method of classification of chemical substances and preparations (Journal of Laws No. 171, item 1666, as amended).
- Regulation of the Minister of Economy of December 21, 2005 on the essential requirements for personal protective equipment (Journal of Laws of 2005, No. 259, item 2173).
- Regulation of the Minister of Health of March 5, 2009 on the labeling of packages of hazardous substances and preparations and certain chemical preparations (Journal of Laws No. 53, item 439).
- Ordinance of the Minister of Economy of October 21, 1998 (Dz. U. No. 145, item 942) and amendment of March 5, 2001 (Dz. U. No. 22, item 251) on detailed rules for disposal, use and disposal of hazardous waste.
- Waste Act of April 27, 2001 (Journal of Laws No. 62, item 628, as amended).
- Ordinance of the Minister of Environmental Protection of September 27, 2001 on the waste catalog (Journal of Laws No. 112, item 1206).
- Road and rail transport of ADR/RID in accordance with the Government Statement of March 23, 2011 on the entry into force of amendments to Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on September 30, 1957, consolidated version OJ No. 110, item 641) and the Law of March 28, 2003 on rail transport - consolidated text (OJ No. 86, item 789, as amended).

##### 15.2 Evaluation of chemical safety

Product safety evaluation is not required. The product has not been qualified as hazardous.

#### 16. SECTION 16: OTHER INFORMATION

##### 16.1 Explanation of abbreviations and acronyms appearing in the Safety Data Sheet

PBT: (Substance) Persistent, bioaccumulative and toxic  
vPvB: (Substance) Very persistent and very bioaccumulative

It is the responsibility of the user to take all steps to comply with the requirements of national law. The information contained in the above sheet is a description of the safety requirements for the use of the preparation. The user is solely responsible for determining the suitability of the product for specific purposes. The data contained in this data sheet does



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not constitute an assessment of the safety of the user's workplace. The data sheet cannot be taken as a guarantee of the properties of the preparation.

The safety data sheet is provided directly to the distributor of the product, without any representation or warranty as to the completeness or detail of to all information or recommendations contained therein.

The information contained in this SDS conforms to the current state of our knowledge and complies with 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.