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1: PRODUCT AND COMPANY IDENTIFICATION

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Product identification: ABS furniture edgebands
Name: ABS edgebanding tape for furniture boards
Chemical composition: Copolymer; Acrylonitrile-Butadiene-Styrene
Application: Furniture production / edgebanding of furniture boards

2: IDENTIFICATION OF RISKS

2.1 Classification of the substance or mixture

ABS furniture edgebands is not classified as hazardous according to EC classification criteria 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.

2.3 Other hazards

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

3: COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances

Name of the substance: ABS - acrylonitrile-butadiene-styrene copolymer

CAS number 9003-56-9 99-99,8%

3.2 Mixtures

Not applicable.

4: FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation contact

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 wide open. Necessary ophthalmological consultation in case of alarming symptoms.

4.1.4 Gastrointestinal contact

Not likely. In case of ingestion seek medical advice - possible mechanical obstruction of the gastrointestinal 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 the affected person from the contaminated environment - in case of product ignition. In case of health problems, contact a doctor or a toxicology centre.

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.

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

5.3 Information for fire-fighters

Use full 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 pollutants - dispose of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Restrict access of bystanders to the failure area until product removal is complete.

Wear appropriate protective clothing.

6.2 Environmental precautions

Secure drain pits. Do not allow surface water and soil to become contaminated.

6.3 Methods and material for containment and cleaning up

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

6.4 References to other sections

Disposal of waste - SECTION 13

Personal protective equipment - SECTION 8

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

During all operations with the product: do not eat, drink or smoke.

Observe the regulations on dust explosion hazards during processing. Avoid the formation of dust concentrations and electrostatic charge.

If the material is significantly overheated, gaseous decomposition products may be released.

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)

Edge protection for furniture boards.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No limit values have been defined.

8.2 Exposure controls

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

Respiratory protection:

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

Eye protection:

The use of protective goggles is mandatory when processing.

Skin protection:

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

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: embossed strip in various colours and dimensions

Fragrance: odourless

Odour threshold: not applicable

pH: no data available

Melting point/solidification point: No data available

Initial boiling point and boiling range: no data available

Flash point: no data available

Evaporation rate: not applicable

Flammability (solid, gas): Flammable

Upper/lower explosive limit: no data available

Vapour pressure: not applicable

Vapour density: not applicable

Relative density: 1.04g/cm³ – 1.07 g/cm³

Solubility: insoluble in water,
in other solvents - soluble in polar solvents

Partition coefficient n-octanol/water: not applicable

Ignition temperature: no data available

Decomposition temperature: ≥ 300°C

Viscosity: no data available

Explosive properties: not applicable

Oxidising properties: not applicable

9.2 Other information

Softening point: >90°C (ISO306)

10: STABILITY AND REACTIVITY

10.1 Reactivity

Not specified.

10.2 Chemical stability

The product is chemically stable under correct storage conditions.

10.3 Possibility of hazardous reactions

Not applicable.

10.4 Conditions to avoid

Do not overheat to prevent thermal decomposition. Decomposition ≥ 300°C.

10.5 Incompatible materials

Avoid strongly oxidising agents.

10.6 Hazardous decomposition products

Minimal amounts of compounds may be formed as a result of decomposition of the acrylonitrile-butadiene-styrene copolymer.

11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

No data available.

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

12: ECOLOGICAL INFORMATION**12.1 Toxicity**

No toxic effects are expected.

12.2 Persistence and degradability

Not specified.

12.3 Bioaccumulative potential

Not specified.

12.4 Mobility in soil

Not specified.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

As the product is in extruded profile form and is insoluble in water its bioavailability is unlikely.

13: TREATMENT OF WASTE**13.1 Waste disposal methods**

When disposing of waste, comply with the provisions of the Act of 27 April 2001 on waste - uniform text (Journal of Laws of 2001, No. 62, item 628 with amendments). Observe the provisions of the packaging and packaging waste act - uniform text (Journal of Laws of 2001, No. 63, item 638 with amendments).

Waste classification according to the Regulation of the Minister of Environment of 27 September 2001 on waste catalogue (Journal of Laws of 2001, No. 112, item 1206).

Waste must not be released into the environment. Waste must be delivered to an authorised company.

Recycling is possible for materials that are not contaminated.

14: TRANSPORT INFORMATION

14.1 UN 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 hazards

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

14.6 Special precautions for user

Use personal protective equipment.

14.7 Transport in bulk according to Appendix II of MARPOL and the IBC Code

Not specified.

15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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 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 28 May 2015 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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.

Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on waste, as amended.

Council Directive 91/689/EEC of 12 December 1991 on hazardous waste as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws No. 63, item 322).

Regulation of the Minister of Health of 8 February 2010 on the list of hazardous substances with their classification and labelling (Journal of Laws No. 27, item 140).

Regulation of the Minister of Health of 2 September 2003 on the criteria and classification of chemical substances and preparations (Journal of Laws No. 171, item 1666, as amended).

Regulation of the Minister of Economy of 21 December 2005 on the basic requirements for personal protection measures (Journal of Laws of 2005 No. 259, item 2173).

Regulation of the Minister of Health of 5 March 2009 on the labelling of packaging of hazardous substances and preparations and certain chemical preparations (Journal of Laws No. 53, item 439).

Regulation of the Minister of Economy of 21 October 1998. (Journal of Laws No. 145, item. 942) and amendment of 5 March 2001. (Journal of Laws No. 22, item 251) on detailed principles of disposal, use and neutralisation of hazardous waste.

The Act on Waste of 27 April 2001. (Journal of Laws No. 62, item as amended).

Regulation of the Minister of Environmental Protection of 27 September 2001 on the catalogue of waste (Journal of Laws No. 112, item 1206).

Road and rail transport ADR/RID in accordance with Government Statement of 23 March 2011 on the entry into force of amendments to Appendices A and B of the European Agreement concerning the international carriage of dangerous goods by road (ADR), done at Geneva on 30 September 1957, unified version Journal of Laws No. 110, item 641) and the Railway Transport Act of 28 March 2003 - uniform text (Journal of Laws No. 86, item 789, as amended).

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

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 national law. The information contained in the above sheet is a description of the safety requirements for the use of the product. The user is solely responsible for determining the suitability of the product for the intended purpose.

The data contained in this safety data sheet do not constitute an assessment of the safety of the user's workplace. The safety data sheet cannot be regarded as a guarantee for the properties of the product.

The safety data sheet shall be provided directly to the distributor of the product, without representations or warranties being made as to its completeness or accuracy in respect of any information or recommendations contained therein.

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.

Precautions during handling before use: During unpacking and handling wear safety gloves and safety glasses. Remove binding straps carefully as these may expand rapidly. Avoid stacking above 150 cm height (incl. pallet) as this may lead to collapse. Read product Safety Data Sheet before use.