

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

1.1. Product identifier

Product form : Furniture edging – section
 Product name : ABS edging UNI, ABS edging NATURAL FINISH

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

1.2.1. Relevant identified uses

Specification of industrial/professional use : Not specified
 Function or category of use : Thermoplastic (ABS) furniture edging for the furniture industry

1.2.2. Uses advised against

No additional data available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Hranipex Czech Republic k.s.
 J. Rýznerové 97, Komorovice
 396 01 Humpolec – Czech Republic
 T 565 501 210
www.hranipex.cz

1.4. Emergency telephone number

| Country | Organization/Company | Address | Emergency telephone number | Comment |
|----------------|--|--------------------------------|--------------------------------------|---------|
| Czech Republic | Toxicological Information Centre Clinic of Occupational Medicine of the General University Hospital in Prague and First Faculty of Medicine of the Charles University | Na Bojišti 1 120 00 Praha 2 | +420 224 919 293 +420 224 915 402 | 24/7 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not a dangerous substance according to Regulation (EC) No. 1272/2008

2.2. Label elements

According to EC directives and relevant national regulations, the product does not have obligatory labelling.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is defined according to Regulation (EC) No. 1908/2006 (REACH) as a product.

3.2. Mixtures

Not applicable. This product is defined according to Regulation (EC) No. 1908/2006 (REACH) as a product.

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid – general : Call a poison centre/doctor if you feel unwell.
 If inhaled : No special activity required. Upon inhalation of decomposition products, remove victim to fresh air and keep in a position comfortable for breathing. In case of breathing difficulties, seek medical attention.
 After contact with skin : No special activity required. In case of contact with molten material, immediately cool under cold water (do not use ice). Do not try to remove the substance from the skin. There is a risk of tissue damage. Seek immediate medical attention.
 After contact with eyes : No special activity required. In case of eye contact with product fragments or dust, rinse thoroughly with plenty of water. If irritation persists – seek medical attention.
 If ingested : Seek medical attention. Possible risk of mechanical blockage of the digestive tract. Do not induce vomiting, unless instructed by your doctor.

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

Symptoms/effects : Not identified

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

Areas burned by molten material should be treated as common burns.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water mist or fine spray, extinguishing powder, CO₂, foam

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Unsuitable extinguishing media : Unknown

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable

Explosion hazard : Mechanical crushing or pneumatic transport may create explosive dust.

Fire creates hazardous decomposition products : Fire may release nitrogen oxides – carbon dioxide and carbon monoxide. Combustion products may contain trace amounts of soot, styrene, monomer residues and other flammable gases.

5.3. Advice for firefighters

Protection of firefighters : Use a self-contained overpressure breathing apparatus, protective firefighting suit consisting of a helmet, jacket, trousers, boots and neoprene gloves. If protective equipment is unavailable, extinguish fire from a safe distance or from a protected location.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

None beyond the normal occupational safety regulations

6.2. Environmental precautions

Avoid leakage into soil, drains, sewers, watercourses and groundwater – see Section 12 Ecological information

6.3. Methods and material for containment and cleaning up

Methods of cleaning : Contain the spilled material. Sweep and collect in containers designated for this purpose.

6.4. Reference to other sections

For the use of personal protective equipment, see Section 8. For instructions for disposal after cleaning, see Section 13. For handling and storage, see Section 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : In the case of mechanical crushing and processing, prevent the creation of explosive dust. Prevent static discharge. Extreme overheating may cause the release of gaseous decomposition products (see Section 5)

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry and cool place away from direct sunlight. Prevent extreme overheating and contact with sources of ignition (spark, open flame)

7.3. Specific end use(s):

For more information, see the product data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional data available

8.2. Exposure controls

Appropriate engineering controls: Ensure proper ventilation in the workplace. Use exhaust equipment with no risk of ignition.**Personal protective equipment:****Hand protection:** During processing, use gloves for protection against mechanical injury.**Eye protection:** During processing, use safety goggles.**Skin and body protection:** During processing, use suitable protective clothes for protection against mechanical injury.**Respiratory protection:** In case of dust formation, use a type P2 dust filter.**Environmental exposure controls and monitoring:** Avoid large product leakage into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form : Solid section

Colour : Various according to colouring

Odour : Distinctive

Odour threshold : No data available

pH : No data available

Relative evaporation rate (by butyl acetate=1) : No data available

Melting point / Melting point range : >90 °C (ISO 306)

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

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| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Vapour relative density at 20 °C | : No data available |
| Relative density. | : No data available |
| Density | : 1.05 – 1.2 g/cm ³ (according to colouring type) |
| Solubility | : Soluble in polar solvents |

9.2. Other information

:

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is inert under normal conditions

10.2. Chemical stability

The product is chemically stable

10.3. Possibility of hazardous reactions

No hazardous reactions expected if used according to instructions

10.4. Conditions to avoid

Overheating – risk of thermal decomposition (temperatures above 300 °C)

10.5. Incompatible materials

Strong oxidizing substances.

10.6. Hazardous decomposition products

See Section 5.2.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
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| Acute toxicity | : Not classified (Criteria for classification not met according to available data) |
| Skin corrosion/irritation | : Not classified (Criteria for classification not met according to available data) |
| Serious eye damage/irritation: | : Not classified (Criteria for classification not met according to available data) |
| Respiratory or skin sensitisation | : Not classified (Criteria for classification not met according to available data) |
| Germ cell mutagenicity | : Not classified (Criteria for classification not met according to available data) |
| Carcinogenicity | : Not classified (Criteria for classification not met according to available data) |
| Reproductive toxicity | : Not classified (Criteria for classification not met according to available data) |
| STOT-single exposure | : Not classified (Criteria for classification not met according to available data) |
| STOT-repeated exposure | : Not classified (Criteria for classification not met according to available data) |
| Aspiration hazard | : Not classified (Criteria for classification not met according to available data) |

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general : The product is not considered to be harmful to aquatic life and is not known to have long-term adverse effects on the environment.

12.2. Persistence and degradability

Not determined – inert due to the insolubility of the material. Sunlight causes photodegradation.

12.3. Bioaccumulative potential

Not determined – no bioaccumulation expected due to the high molecular weight.

12.4. Mobility in soil

Not determined – in case of contamination, the material is assumed to remain in the soil.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria of PBT and vPvB classification.

12.6. Other adverse effects

No additional data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
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| Local regulations (on waste) | : To be disposed of in accordance with applicable legislation. Classification and disposal of waste is the responsibility of its producer. |
| Waste treatment methods | : Reuse if possible. |
| Recommendations for waste water disposal | : Avoid leakage into sewage. |
| Recommendations for product/container disposal | : Hand over empty containers for recycling or dispose of them as waste in accordance with applicable legislation. |
| European List of Wastes (LoW) code | : 07 02 13 – Waste plastic |

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN regulations

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

14.6. Special precautions for user

Land transport Not applicable

Sea transport Not applicable

Air transport Not applicable

Inland water transport Not applicable

Rail transport Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code.

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

15.1.1. EU regulations

The product does not contain substances subject to the restrictions in Annex XVII
It does not contain any substances listed for potential inclusion in Annex XIV of REACH

15.1.2. National regulations

Czech Republic

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| Recommendations of Czech regulations | : Decree No. 381/2001 Coll., laying down the Catalogue of Wastes, List of Hazardous Wastes and lists of wastes and countries for the purposes of export, import and transit and the procedure in granting consent to export, import and transit of wastes (the Catalogue of Wastes) Government Decree No. 9/2013 Coll., amending Government Decree No. 361/2007 Coll., laying down the conditions of health protection in the workplace, as amended. Government Decree No. 361/200, laying down the conditions of health protection at work, as amended. |
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15.2. Chemical safety assessment

No chemical safety assessment performed

SECTION 16: Other information

Abbreviations and acronyms:

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|------|---|
| ADN | The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| DPD | Dangerous Preparations Directive 1999/45/EC |
| DSD | Dangerous Substances Directive 67/548/EEC |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |



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| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| vPvB | Very persistent and very bioaccumulative |

Recommendations for training : Provide the MSDS to employees. Observe general rules for handling of chemicals and mixtures.

This information is based on our current knowledge and is intended to describe the product solely in terms of health, occupational safety and environmental protection requirements. It should not be construed as a guarantee of any particular properties of the product.