

SAFETY DATA SHEET

SECTION 1: Identification of the substance/preparation and the company/enterprise

- 1.1 Name of preparation: **POLYLACK ELASTIC**
- 1.2 Intended use: Flexible fire resistant putty
- 1.3 Name of manufacturer: **DUNAMENTI TŰZVÉDELEM ZRT**
2131 Göd, Nemeskéri Kiss Miklós u. 39
Tax number: 13303482-2-13
Phone:27-345-217 Fax: 27-345-074
- 1.4 Name of distributor: **DUNAMENTI TŰZVÉDELEM ZRT**
2131 Göd, Nemeskéri Kiss Miklós u. 39
Tax number: 13303482-2-13
Phone:27-345-217 Fax: 27-345-074
- Responsible person: János Kasza – Development Engineer
E-mail: kasza@dunamenti.hu
- 1.5 Emergency phone: Health Toxicological Information Service (ETTSZ)
1096 Budapest, Nagyvárad tér 2.
Phone: +36 1 476 6464, +36 80 201 199

SECTION 2: Classification of hazards

Does not contain any component under marking obligation.

SECTION 3: Data relating to composition/components

General chemical description: water-dispersion fire resistant putty
Base component of the product: acrylic acid ester, acryl-nitrile
Hazardous components: none

SECTION 4: First aid measures

General instructions: symptoms of poisoning can only be observed after hours; therefore, in case of accident at least 48-hour medical monitoring is necessary.

- 4.1. Inhaling: no measures shall be taken
- 4.2. In case of contacting skin: wipe then wash the skin with plenty of water and soap. Contaminated clothes must be taken off immediately.
- 4.3. In case of contacting eyes: eyes must be immediately flushed for at least 15 min with plenty of water and see doctor.
- 4.4. If swallowed: drink plenty of water, call doctor.

SECTION 5: Fire-fighting measures

- 5.1. Suitable extinguishing agents: CO₂, powder and sand, foam, spray.
- 5.2. Non-suitable extinguishing agent in terms of safety: not known
- 5.3. Special exposure dangers caused by the product, combustion products, gases created: carbon- monoxide, cyanuric acid, ammonia and nitrogen oxides can be created.
- 5.4. Special protective equipment for fire fighters: respirator, isolation protective equipment.

SECTION 6: Accidental release measures

- 6.1. **Personal protection:** always wear protective gear when using the product, do not use without it. Avoid skin or eye contact with product. Spilled product is slippery.

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Comply with decrees No 1907/2006 EC and 453/2010 EU

- 6.2. **Environmental regulations and cleaning:** Ensure product cannot get into the sewage system; in case of accident the competent authorities shall be informed.
- 6.3. **Decontamination:** In case of spillage the product must be soaked up with an absorbent material (e.g. dry soil, sand, ground limestone) and shall be transported to a safe area in a sealed container for disposal. Any contaminated material is to be treated as waste in accordance with section 13 below.

SECTION 7: Handling and storage

7.1. Handling:

- 7.1.1. Observe the provisions set forth under section 8 below. Keep away from the reach of children.

7.2. Storage:

- 7.2.1. Requirement for the warehouse or storage: store under normal circumstances protected from frost.

SECTION 8: Exposure control/individual protection

- 8.1. Additional instructions concerning appropriate technological environment: see section 7.
- 8.2. Threshold values of components to be observed in the workplace: No potentially hazardous components
- 8.3. **Occupational exposure controls:**
According to (6) §7 of common decree No. 25/2000. EüM-SZCSM in case of hazardous materials not governed by a limit the employer is obliged to decrease the rate of exposition to the lowest possible level expected by the scientific and technical standards, at which level the material is not harmful to health based on the current state of knowledge.
- 8.4. **Personal protection:**
- 8.4.1. General protective and hygienic measures in the workplace: keep product away from food, drinks and fodder. Contaminated clothing should be removed immediately. Wash hands before breaks and at the end of shift. Avoid contact with body and eyes.
- 8.4.2. Respiratory protection: -
- 8.4.4. Hand protection: protective gloves - material: nitrile-caoutchouc, natural caoutchouc (latex) (EN 374). Consult manufacturer of gloves for accurate penetration time.
- 8.4.5. Eye protection: use tightly fit protective goggles.
- 8.5. Environmental exposure control: no special instructions to comply with.

SECTION 9: Chemical and physical properties

9.1. Appearances

- 9.1.1. Shape: paste-like
- 9.1.2. Colour: light gray
- 9.1.3. Odour: characteristic

Data relating to safety:

- 9.2.1. Melting point: -
- 9.2.2. Boiling point: -
- 9.2.3. Flash-point: -
- 9.2.4. Spontaneous combustion: -
- 9.2.5. Risk of explosion: -
- 9.2.6. Density at 20° C: 1.3 g/cm³
- 9.2.7. Solubility, water soluble
- 9.1.4. pH: slightly alkaline pH 7-8
- | | |
|-----------------------------------|-------|
| Solvent content: Organic solvent: | 0 % |
| Water: | 23 % |
| VOC (EC) | 0 g/l |

SECTION 10: Stability and reactivity

- 10.1. **Situations to avoid:** not existing in case of use according to instructions
 10.2. **Material to avoid:** not existing under intended use
 10.3. **Hazardous decomposition products:** not existing under intended use.
 In case of workmanlike handling and storage no dangerous reaction is known.

SECTION 11: Toxicological data

- 11.1. Acute toxicity: none
 11.2. Additional toxicological data: In case of extended exposure, no adverse effects to health have been observed if the substance is used correctly.

SECTION 12: Ecological information

- 12.1. Risk to waters: WGK code:1. Slight risk to water quality.
 12.2. Product contains water soluble and heavily-biodegradable substances. Do not discharge into surface waters, water and sewerage systems even in small quantities.
 12.3. Hazardous to drinking water

SECTION 13: Disposal considerations

- 13.1. Product
 13.1.1. Recommendation: shall not be transported as communal waste, not to be discharged into the sewage system.
 13.2. Not clean packaging material
 13.2.1. Recommendation: in compliance with the regulations of the local authority:
 Handling and disposal of preparation residues and packaging material according to Act CLXXXV of 2012.
 Packaging material: metal packaging waste, EWC code: 150110
 Dry residues: EWC code: 080111
 *Classified as hazardous waste

SECTION 14: Transport information

Product is not classified as hazardous according to RID/ADR, GGVS/GGVE, ADN, IMDG, ICAO-TI/IATA-DGR.
 Transport under normal conditions in summer. In winter, transport in truck at a temperature above 5°C.

SECTION 15: Information regarding regulation

- 15.1 Safety, health and environmental rules and regulations relating to the given material or mixture
1. REACH International regulation:
 Decree No. 1907/2006/EC (18 December 2006) of the European Parliament and Council on the registration, evaluation, permitting and limiting of chemical materials (REACH), the establishment of the European Chemical materials Agency, the amendment of directive No.1999/45/EC as well as repealing decree No.793/93/EEC, committee decree No.1488/94/EC, directive No. 76/769/EEC, committee directives No. 91/155/EEC, 93/67/EEC and 2000/21/ EC.
 2. CPL International regulation
 DECREE No. **1272/2008/EC** (16 December 2008) of EUROPEAN PARLIAMNET AND COUNCIL on the classification, labeling and packaging of materials and mixtures, the amendment and repealing of directive No. 67/548/EEC and 1999/45/EC as well as the amendment of decree No. 1907/2006/EC.
 3. DECREE No. **453/2010/EU** (20 May 2010) of THE COMITTEE on the amendment of decree No. 1907/2006/EC regarding the registration, evaluation, permitting and limiting of chemical materials (REACH).

4. Decrees regarding hazardous materials:
Act XXV of 2000 on chemical safety (amended by Act XXVI of 2004, Act CXL of 2004, Act CXXVII of 2005) and its relating decrees: **EüM decree No. 44/2000. (XII. 27.)** on the detailed rules of certain procedures and activities in connection with hazardous materials and dangerous products, [amended by EszCsM decree No. 33/2004. (IV.26), EÜM decree No. 60/2005.(XII. 20.), 3/2006 (I. 26.); FVM decree No. 1/2005 (I.7.); EszCsM decrees No. 61/2004 (VIII.11.), 73/2004 (VIII.11); EÜM decree No. 26/2007 (VI.7).]
5. Regulations relating to hazardous waste:
Gov.decree No. 98/2001 (VI.15.) on the conditions for carrying out activities related to hazardous waste [amended by Gov.decree No. 340/2004 (XII.22.), Gov.decree No. 313/2005 (XII.25.)];
Köm. decree No.16/2001 (VII.18.) [amended by KvVM decree 22/2004 (XII.11.)];
6. Regulations relating to water contamination
Gov.decree No. 220/2004 (VII.21.) [amended by Gov.decree No. 368/2004 (XII.26.), Gov.decree No. 340/2004 (XII.22.), Gov.decree No. 208/2006 (X.16)];
7. Regulations relating to safety
Act XCIII of 1993 on safety at work and its amendments, its relating NM and MüM decrees.
8. Regulations on chemical safety of working places
Common EüM-SZCSM decree No. 25/2000 (IX.30)
- 15.2 Chemical safety assessment: -

SECTION 16: Miscellaneous information

The data have been prepared based on the current state of knowledge, however they do not constitute any guarantee or contractual obligation. The data shall not be modified or related to other products. The multiplication of safety data sheets is permitted in unaltered form.

16.1 Abbreviations and interpretations applied:

DSD according to Directive No. 67/548/EEC and its amendments
 CLP according to Decree No. 1272/2008/EC and its amendments
 CAS-number (Chemical Abstracts Service) index-number, individual identification number consisting of not more than 9 digits

Parts underlined with dashed lines indicate modifications or amendments compared to the previous version.

