

1. Identification of material / substance and the company / enterprise

- 1.1 Business name for the substance: **Penetrating varnishes EH, NL according to PN 72 2435**
CAS number, ES number (EINECS): **Not assigned**
Other names for the substance: **Not indicated**
- 1.2 Recommended use: **Building material – water soluble penetration varnish**
- 1.3 Identification of the producer:
Name or business name: **STOMIX, spol. s r.o.**
Place of business or registered office: **790 65 Žulová 178, CZ**
Identification number: **Company ID number (IČO): 48400874**
Telephone: **+420 584 484 111**
Fax: **+420 584 484 112**
E-mail: **zichova@stomix.cz**
Emergency telephone number: **+420 584 484 131**
- 1.4 Telephone number for emergencies: **+420 224 919 293, +420 224 915 402, +420 224 914 571**
Toxicological information centre, Na Bojišti 1, 128 08 Prague 2, CZ

2. Risk identification

- 2.1. Overall classification of material or substance: **The product is not classified as an irritant pursuant to Act No. 356/2003 Coll., on chemical materials and chemical substances and the valid EU legislation.**
- 2.2. The most serious and harmful effects to the health of a person: **It contains materials which, during application, may damage the skin or irritate mucosa - particularly for sensitive persons.**
- 2.3. The most serious harmful effects to the environment when using the material: **Undetected.**
- 2.4. Warning sign is not used. **The classification is mentioned in Chapter 15.**

3. Composition / information about components

The product contains the following hazardous materials:

Chemical name	Content in (%)	CAS number	Warning symbol for the risk
5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one 3:1	0,0009	55965-84-9	T, N R 23/24/25-34-43-50/53 S 1/2-26-36/37/39-45-60-61

4. First aid instructions

- 4.1 General instructions: **In the case of health problems or in the case of any problems, contact a doctor.**
- 4.2 When breathing: **Ensure a supply of fresh air, if problems continue then contact a doctor.**
- 4.3 In the case of contact with skin: **Remove any contaminated clothes, wash the skin with soap and water and treat the affected area with a suitable reparation cream.**
- 4.4 If affecting the eyes: **Rinse the eyes with clean water for a minimum of 15 minutes and then contact a doctor.**
- 4.5 In the case of ingestion: **Drink a minimum of half a litre of drinking water, do not invoke vomiting and call for medical assistance.**
- 4.6 Further data: **If any signs of irritation, due to contact with the product, will worsen, immediately call for medical assistance.**

5. Measures during the liquidation of fire

- 5.1 Recommended extinguishing agents: **Water fog, splitting of water, foam and powder chemicals.**
- 5.2 Not-recommended extinguishing agents: **Permanent water stream**
- 5.3 Special risk: **Undetected.**
- 5.4 Special protective means for extinguishers: **Protective clothes.**
- 5.5 Further data: **Liquidate the remainders of the fire with extinguishing water in accordance with local regulations.**

6. Measures in the case of accidental escape

- 6.1 Safety precautions for the protection of persons: **Contact with the eyes must be prevented.**
- 6.2 Safety precautions for the protection of the environment: **Uncontrolled escapes into sewage pipes must be prevented.**
- 6.3 Recommended methods for cleaning and removing: **Absorption by sand, chips or other absorption materials followed by mechanical collection.**
- 6.4 Further data: **Not indicated.**

7. Handling and storage

- 7.1 Handling instructions: **Handling of the product according to the enterprise standard PN 72 2434 and technical manuals no. 34-1.
Special measures – none.**
- 7.2 Storage instructions: **Store in dry areas and protect against direct sunlight, water and frost.
Special requirements – none.**

8. Restriction of exposure / personal protective means

- 8.1 Limit values: **Not stated**
- 8.2 Technical measures: **Ensure complete ventilation of the workplace.**
- 8.3 Control parameters: **Not stated**
- 8.4 Personal protective means:
Protection of respiratory organs: **Not necessary, if perfect ventilation is ensured.**
Protection of eyes: **Protective glasses**
Protection of hands: **Protective gloves**
Protection of skin: **Protective clothes**
- 8.5 Further data: **Personal working means must be kept in a usable status and damaged means must be immediately replaced. It is not permitted to eat, drink or smoke when working. Hands must be washed with soap and water and treated with a suitable reparation cream after working.**
- 8.6 Restriction of exposure to the environment: **Not indicated.**

9. Physical and chemical properties

- Status of the matter: **Paste suspension of a solid substance in liquid**
- Colour: **Colour shades according to PN 72 2434**
- Odour (scent): **Insignificant**
- pH value: **9,2 - 12,5**
- Temperature (range of temperature) melting (°C): **Data is not available**
- Temperature (range of temperature) for boiling (°C): **Data is not available**
- Inflammation point °C: **Data is not available**
- Flammability: **Fireproof liquid pursuant to ČSN 65 0201**
- Pyrophoricity: **Undetermined**
- Flammability limits: upper limit (% vol.): **Non-explosive**
lower limit (% vol.): **Non-explosive**
- Oxidation properties: **Undetected**
- Vapour tension (at °C): **Data is not available**
- Density (at 20°C): **1600 - 1,800 kg/m³**
- solubility (at 20°C):
- in water: **Data is not available**
- in fats (including oil specification): **Data is not available**
- Dividing coefficient n-octanol/water: **Data is not available**
- Viscosity: **Data is not available**
- Density of vapours: **Data is not available**
- Speed of evaporation: **Data is not available**
- Further data: **Data taken from the producers report**

10. Stability and reactivity

- 10.1 Conditions under which the material/substance is stable: **The substance is stable under standard working conditions**
- 10.2 Conditions which must be prevented: **Protection from frost**
- 10.3 The product must not be in contact with the following substances and materials: **Strong acids, hydroxides and oxidation agents**
- 10.4 Hazardous degradation products: **Data is not available**

11. Toxicological information

Acute toxicity:

LD₅₀ oral, rat (mg. kg⁻¹):

Data is not available

LD₅₀ dermal, rat or rabbit (mg . kg⁻¹):

Data is not available

LD₅₀ inhalation, rat, for aerosols or particles(mg . kg⁻¹):

Data is not available

LC₅₀ inhalation, rat, for gases and vapours (mg. kg⁻¹):

Data is not available

Sub-chronic – chronic toxicity

Data is not available

Sensitivity:

Data is not available

Carcinogenicity:

Data is not available

Mutagenesis:

Data is not available

Toxicity for reproduction

Data is not available

Specific effect on human beings:

The product contains substances which during the application, particularly for sensitive persons, may damage skin or irritate mucosa.

Other information:

Not indicated

12. Ecological information

Acute toxicity:

LC₅₀, 96 hour, fish (mg. l⁻¹):

Data is not available

EC₅₀, 48 hours, daphnia (mg. l⁻¹):

Data is not available

IC₅₀, 72 hours, algae (mg. l⁻¹):

Data is not available

Material mobility or substance components: Data is not available

Persistence and degradability:

Data is not available

Bio-accumulating potential:

Data is not available

Toxicity for other environments:

Data is not available

CHSK:

Data is not available

BSK₅:

Data is not available

Further data:

Data is not available

13. Instructions for removing

13.1 Methods of removing the material/substance: After hardening it can be liquidated as other waste (170203 - Plastics).

13.2 Methods of liquidation of contaminated packages: Liquidate as other wastes (150102 – Plastic waste).

13.3 Legal regulations: Act No. 185/2001 Coll., on waste, as amended.

13.4 Further data: Not indicated.

14. Transport information

Inland transport, air, water transport, marine transport Not indicated.

Notes: Not indicated.

Further data: Pursuant to Section § 22 par. 1 of Act No. 111/1994 Coll., on road transport, the product is not hazardous item and is not the subject of European Agreement on road transport of hazardous items (ADR) or provisions of the Order for international railway transport of hazardous goods (RID).

15. Information regarding regulations

Legal regulations related to the material/substance: The product is not classified as hazardous pursuant to Act No. 356/2003 Coll., on chemical materials and chemical substances and on the change of some acts, as amended by later regulations. Prepared in accordance with EC Regulation 1907/2006.

Risk symbol: not necessary

R phrases:

S phrases:

16. Other information

16.1 Declaration: The safety sheet contains the data necessary for ensuring safety and protection of health during work and the protection of the environment. The aforementioned data corresponds to the existing status of knowledge and experience and is in accordance with the valid legal regulations. The data cannot be considered as a guarantee for the suitability and usability of the product for specific applications.
Information regarding product properties and use can be found in the technical product sheet.
This revision cancels the validity of all previous safety sheet revisions.

Changes during revision: **Correction to Point 15 - Act No. 356/2003 Coll., on chemical materials and chemical substances, as amended**

Amended
EC Regulation 1907/2006
- structure of sheet according to REACH
- product composition

16.2 Relevant R phrases: R 23/24/25 - Toxic in the case of breathing, contact with skin and ingestion
R 34 - Causes burning
R 43 - Can cause sensitization through skin contact
R 50/53 - Highly toxic for water organisms, may cause long-term negative effects in water environments

