

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

- 1.1 Business name for the substance: **Coating varnish of series AK (including types AK, AK PLUS) according to PN 72 2436**
- CAS number, ES number (EINECS): **Not assigned**
- Other names for the substance: **Not indicated**
- 1.2 Recommended use: **Building material – water soluble coating 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
Terbutryne	0,003	886-50-0 212-950-5	N R 50/53
2-Octyl-2H-isothiazol-3-one	< 0,0018	26530-20-1 247-761-7	T, N R 22-23/24-34-43-50/53 S 1/2-26-36/37/39-45-60-61
5-chloro-2-methyl-2H-isithiazol-3one and 2-methyl-2H-isothiazol-3-one 3:1	0,0014	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 repairation 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

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|-----|---|---|
| 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

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| 7.1 | Handling instructions: | Ensures the exchange of air in the workplace. Handling of the product according to PN 72 2436 and technological manual no. 36.
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

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|-----|---|---|
| 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:	Emulsion of liquids
Colour:	Milky white
Odour (scent):	Dull
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):	1020 - 1,080 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

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| 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: R 52/53 Harmful to aquatic organisms; may cause long-term adverse effects in an aquatic environment.

S phrases: S 61 Prevent release into the environment. See special instructions or safety instructions

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

EC Regulation 1907/2006

Amended
Changed

- composition
- structure of sheet according to REACH

- 16.2 Relevant R phrases:

R 22
R 23/24
R 34
R 43
R 50/53

- Harmful to health in the case of ingestion
- Toxic in the case of breathing, contact with skin and ingestion
- Causes burning
- Can cause sensitization through skin contact
- Highly toxic for water organisms, may cause long-term negative effects in water environments

