

SAFETY DATA SHEET



UDK WKREĆ-MET ROOFING SEALANT UDK WKREĆ-MET USZCZELNIACZ DEKARSKI

Date created: 21.03.2005

Version no.: 4

Date revised: 26.01.2012

1. Identification of the mixture and of the company/undertaking

- 1.1. Product identifier:** UDK WKREĆ-MET USZCZELNIACZ DEKARSKI
1.2. Relevant identified uses of the mixture and uses advised against: Waterproof sealant
1.3. Details of supplier of the safety data sheet: "WKREĆ-MET" Sp.z o.o. Sp.k.
ul.Wincentego Witosa 170/176
Kuźnica Kiedrzyńska
42-233 Mykanów
- 1.4. Emergency telephone number:** 112

2. Hazards identification

2.1. Classification of the substance or mixture

According to 67/548/EC

R10 Flammable.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Health Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Environment Do not let into drains and groundwater.

Fire Product is inflammable.

2.2. Label elements

2.2.1 Hazard symbol: None

2.2.2 Hazardous ingredients: n-butylacetate

2.2.3 R-phrases: R10 Flammable.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

2.2.4 S-phrases: S2 Keep out of the reach of children

S23 Do not breathe vapour

S24/25 Avoid contact with skin and eyes

S35 This material and its container must be disposed of in a safe way

2.3. Other hazards No data available.

3. Composition/information on ingredients

3.1. Substances. Classification of substances

CAS-nr.	Chemical name	Content		Classification	
		Max.		According Directive 67/548/EEC	According Regulation 1272/2008 (CLP)
123-86-4	N-butylacetate	40	%	R10 R66 R67	Flam. Liq. 3: H226 STOT SE 3: H336
52829-07-9	Bis(2,2,6,6-Tetramethyl-4-piperidyl)sebacat	< 1		Xi R36 N R51 R53	Eye Irrit. 2: H319 Aquatic chronic 2: H411

4. First aid measures

4.1 Description of first aid measures

- Inhalation: Move the exposed person to fresh air. Seek medical attention.
Skin contact: Wash off with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Contact with eyes: Rinse eyes immediately with plenty of water, keeping the eye open. Seek medical attention.

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Ingestion: Do not induce vomiting or give water to drink. Seek medical attention and show product label.

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

May be irritating to skin, respiratory organ and eyes.

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

As a general rule, and in all cases of doubt or when symptoms persist, always seek medical attention.

5. Fire fighting measures

5.1 Extinguishing media

5.1.1. Suitable extinguishing media: Use extinguishing media appropriate the surrounding fire conditions. Use as appropriate: water spray, dry extinguishing media, foam and carbon dioxide.

5.1.2 Unsuitable extinguishing media: No specific recommendations.

5.2. Special hazards arising from the mixture:

In case of fire the following can develop: oxides of carbon, inflammable gas/air mixtures, NO_x.

5.3. Advice for fire-fighters No specific recommendations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear protective clothing, goggles and protective chemical resistant gloves. Avoid contact with skin and eyes. Take measures against electrostatic charge.

6.2 Environmental precautions: Do not release the product into the sewer system or the soil. The waste must be handled in accordance with legal requirements.

6.3 Methods and material for containment and cleaning up: Collect using absorbent material. Collect the solid waste into appropriate containers. The waste must be handled in accordance with legal requirements.

7. Handling and storage

7.1 Precaution for safe handling:

7.1.1. Protective measures

Ensure good ventilation. Avoid contact with eyes and skin. Make use of protective goggles and protective chemical resistant gloves. Take measures against electrostatic charge.

7.1.2. Advice on general occupational hygiene: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

7.2. Conditions for safe storage, including any incompatibilities: Storage: Keep in a cool, dry, well-ventilated area. Keep the carefully closed package at the temperature from +5° C to +25° C.

7.3. Specific end use(s) Waterproof sealant

8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit value

Chemical name	Exposure limit value
Silicic acid	AGW: 4 mg/m ³ (inhaleble)
n-butylacetate	AGW: 100 ppm (480 mg/m ³)
Mineral oil fog	AGW: 5 mg/m ²

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

8.2.2. Individual protection measures, such as personal protective equipment

Eye/face protection: During the work make use of protective goggles (EN 166)

Skin protection: During the work make use of protective chemical resistant gloves (EN 374-3). Wear protective clothing and soft footwear (EN344).

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Respiratory protection: Respirator with Filter A

8.2.3. Environmental exposure controls Do not release the product into the sewer system or the soil. The waste must be handled in accordance with legal requirements.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Paste-like
Colour	Transparent
Odour	Light
pH	11-13
Melting point / freezing point	Not relevant
Boiling point	124 °C
Flash point	+ 27 °C
Evaporation rate	Not applicable
Flammability	Not applicable
Explosion limits	1,2 Vol % and 7,5 Vol %
Vapor pressure	13 mbar
Vapor density	Not applicable
Relative density	0,93 g/cm ³ at 20°C
Solubility in water	Insoluble in water
Solubility in other solvents	Not relevant
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	15.000 mPa.s
Explosive properties	Not applicable
Oxidizing properties	Not applicable

9.2. Other information

VOC approx. 25%

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10. Stability and reactivity

- 10.1. Reactivity** The mixture is not reactive under recommended storage and handling conditions (see section 7).
- 10.2. Chemical stability** The mixture is stable under recommended storage and handling conditions (see section 7).
- 10.3. Possibility of hazardous reactions** Lack of information
- 10.4. Conditions to avoid:** Heating, open flame, ignition sources
- 10.5. Incompatible materials:** avoid contact with oxidizing agents
- 10.6. Hazardous decomposition products:** In case of fire the following can develop: oxides of carbon, inflammable gas/air mixtures, NO_x.

11. Toxicological information
11.1. Information on toxicological effects
11.1.1. Substances

11.1.1.1. The relevant hazard classes for which information shall be provided, are:

- (a) **Acute toxicity** Lack of information
- (b) **Skin corrosion / irritation** May be irritating to skin
- (c) **Serious eye damage / irritation** May be irritating to eyes.
- (d) **Respiratory or skin sensitization** May be irritating to respiratory organ.
- (e) **Germ cell mutagenicity** Lack of data
- (f) **Carcinogenicity** Lack of data
- (g) **Reproductive toxicity** Lack of data
- (h) **STOT-single exposure** Lack of data
- (i) **STOT-repeated exposure** Lack of data

12. Ecological information
12.1. Toxicity

Toxicity to fish	Lack of information
Toxicity to aquatic invertebrates	EC50 /48h/ Daphnia: 72,8 mg/l
Toxicity to bacteria	EC10 Pseudomonas putida: 959 mg/l
Toxicity to algae	EC50 Secenedesmus subspicatus: 674 mg/l

12.2. Persistence and degradability: 70% OECD 301 E, 98% OECD 301 D

12.3. Bio-accumulative potential: Lack of data

12.4. Mobility in soil: Lack of data

12.5. Results of PBT and vPvB assessment: Lack of data

12.6. Other adverse effects Lack of data

13. Disposal considerations
13.1. Waste treatment methods

13.1.1. Product / Packaging disposal: The product and packages must be handled in accordance with national and local requirements.

13.1.2. Waste treatment options: Lack of information

13.2. Additional information No specific recommendations.

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14. Transport information

14.1 UN number	Not known
14.2 Packing Group	Not known
14.3 Road ADR	There are no restrictions
14.4 Railway RID	There are no restrictions
14.5 Transport by sea GGVSee/IMDG-Code	There are no restrictions
14.6 Air transport ICAO-TI/IATA-DGR	3/-/III

15. Regulatory information

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

Not applicable

15.2. Chemical safety assessment

Chemical safety assessment is not needed, because product includes non-hazardous substances.

16. Other information

16.1. Date of preparation of the latest version of the SDS

Written in the beginning of the safety data sheet.

16.2. Abbreviations and acronyms

AGW: workplace limiting value

EC50: effective Concentration Medium

STOT: Specific target organ toxicity

PBP: Persistent, bioaccumulativ and toxic

vPvB: very persistent very bioaccumulative

Eye Irrit.2: Eye corrosion/irritation- Category 2

Flam. Liq. 3: Flammable Liquid, Category 3

STOT SE 3: Specific target organ toxicity (single exposure): inhalation- Category 3

Aquatic Chronic 2: Chronic hazard on aquatic environment, Category 2

16.3. Key literature references and sources of data

The safety data sheet meets the requirements of the European Parliament and Council Regulation (EC) No.1907/2006 and the Chemicals Act of the Republic of Estonia and regulation No 130 of Minister of Social Affairs.

16.4. Classification and classification procedure used for mixtures

16.5. Relevant R-phrases and/or H-statements (specified in clause 3)

According Directive 67/548/EEC

R10 Flammable.

R36 Irritating to eyes

R51 Toxic to aquatic organisms

R53 May cause long-term adverse effects in the aquatic environment

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

According Regulation 1272/2008 (CLP)

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

H411 Toxic to aquatic life with long lasting effects.

16.6. Training advice

No specific recommendations.

16.7. Further information

No specific recommendations