

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Commercial product name:** BK-Thermalux

**Information on the manufacturer:**

Banja Komerc Bekament DOO  
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## 2. DESCRIPTION AND SCOPE OF APPLICATION

BK-Thermalux is used for decorative protection of radiators and similar metal heating surfaces. It is resistant to wear and temperature up to 120 °C.

## 3. COMPOSITION

**Chemical composition:** Alkyd resins, organic and inorganic pigments, solvents and additives.

**Hazardous substances:** In accordance with the (EC) Regulation No. 1272/2008 on classification, labelling and packaging of hazardous substances and mixtures, through which the CLP/GHS classification and labelling system was lawfully introduced, the following components: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatic (2-25%), are hazardous ingredients and therefore this product is classified as hazardous, and is labelled with: Hazard.

## 4. TECHNICAL CHARACTERISTICS

<b>Density (SRPS EN ISO 2811-1)</b>	1,04-1,12 g/cm
<b>Viscosity (DIN 53211, 4 mm, 20 °C), s</b>	160-240 s
<b>Fineness of dispersion</b>	20 µm
<b>Film dry when touched (20 °C, 50% relative humidity), h</b>	4-6 h
<b>Film completely dried (SRPS EN ISO 9117-4, 20 °C), h</b>	24 h
<b>Indicative consumption (in one layer),ml/m<sup>2</sup></b>	80-100 ml/m <sup>2</sup>
<b>Package</b>	0,75 l

## 5. OTHER CHARACTERISTICS

<b>Form</b>	Liquid
<b>Colour</b>	White
<b>Odour</b>	Solvent-like
<b>Content of non-volatile substances</b>	60-70%
<b>VOC* content, g/l:</b>	max 499 (maximum permissible value A (z) 500 g/l)

## 6. SUBSTRATE

The substrate must be degreased, cleaned, dry and free of rust. Remove rust mechanically and remove grease and other impurities with a degreasing agent. The substrate must be coated with BK-MetalPrime Classic primer.

## 7. PREPARATION AND APPLICATION

Before use it is necessary to mix the material well first. Until the desired viscosity is reached, it should be diluted with BK-Classic oil-based solvent. The coverage capacity drops proportionally to the used quantity of solvent. BK-Thermalux is applied in 1-2 coats. Apply the subsequent coat after 24 hours. Apply with brush, roller or gun.

The optimum operating temperature is between 15 and 25 °C and relative humidity below 80%. It is not recommended to work at a temperature below 5 °C. Do not work in direct sunlight, rain, heavy wind and r.h. greater than 80%.

## 8. CLEANING THE TOOLS

Immediately after the use, clean all tools thoroughly with BK-Nitro solvent.

## 9. HANDLING AND STORAGE

Use skin and eye protection. Keep the product away from heat and ignition sources. Do not use tools that create sparks. It is forbidden to drink, eat, and smoke when handling this chemical. When handling the product indoors, an effective local ventilation should be provided.

Store the product in the original packaging at temperatures between + 5 °C and + 25 °C away from heat sources and direct sunlight.

Shelf life: 48 months

## 10. PERSONAL PROTECTION

Respiratory protection: Not necessary in well-ventilated rooms.

Hands and body protection: Preventive use of protective gloves and work suit.

Eye protection: Preventive use of safety goggles.

## 11. INFORMATION ON REGULATIONS

In accordance with the (EC) Regulation No. 1272/2008 on classification, labelling and packaging of substances and mixtures, through which the CLP/GHS classification and labelling system was lawfully implemented, this product is classified as hazardous product with label: Hazard.



Hazard

Flammable liquids, Category 3 H226

Aspiration hazard, Category 1 H304

Skin sensitization, category 1A, H317

Acute toxicity, category 4 (inhalation), H332

Specific target organ toxicity - JI, category 3 (irritation of respiratory organs), H335

Germ cell mutagenicity, category 1B, H340

Specific target organ toxicity-JI, category 3 (narcotic effect), H336

Specific target organ toxicity-VI, category 1 (inhalation), H372

Carcinogenicity, category 1B, H350

Hazardous to the aquatic environment, category chronic 2, H411

### Hazard statements

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H317 May cause allergic skin reactions

H332 Harmful if inhaled

H335 May cause respiratory irritation

H336 May cause drowsiness and dizziness

H340 May cause genetic defects

H350 May cause cancer

H372 Causes damage to organs (central nervous system) through prolonged or repeated exposure (inhalation)

H411 Toxic to aquatic life with long-lasting effects

### Precautionary statements

P101 If medical advice is needed, take the product packaging or label with you.

P102 Keep out of the reach of children.

P210 Keep away from heat sources / sparks / open flames / hot surfaces. - No smoking

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**TECHNICAL DATA SHEET**

Issue: 1

Version: 0

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P264 Wash thoroughly after handling.

P280 Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P370+P378 In case of fire: Use an ABC fire extinguisher.

P501 Dispose of contents/packaging in accordance with national regulations.

Additional marking:

EUH 066: Repeated exposure may cause skin drying or cracking.

Contains butanone oxime, cobalt bis(2-ethylhexanoate), phthalic anhydride. May cause an allergic reaction.

EUH211 Attention! When spraying, droplets can be created that are dangerous to inhale. Do not inhale solid particles or small droplets from the spray.

Contains: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatic (2-25%); aromatic hydrocarbons, C9-12, benzene distn., <0.1% EC 200-753-7; titanium dioxide (aerodynamic diameter ≤10µm); reaction mass of ethylbenzene and m-xylene and p-xylene.

Allowed for professional use only.

## 12. ECOTOXICOLOGICAL INFORMATION

Negative effects on health are not known when used properly. The product must not reach waterways and sewage.

## 13. DISPOSAL METHOD

In accordance with local/regional/European/national regulations.

## 14. NOTE

Banja Komerc Bekament DOO performs product quality checks using its own laboratories. It also regularly tests its products in certified laboratories. The Data Sheet is the product of our knowledge and previous practical experience and it should serve to all users as a recommendation in order to achieve the best possible results. If weather and other conditions are different than those described in our instructions, our instructions need to be taken as general guidelines, without an installation warranty.

Banja Komerc Bekament DOO assumes no liability for damages resulting from the improper use or incorrect selection of product, as well as for poorly executed works. It is assumed that the contractor has mastered the techniques of incorporation and use of various products.

Matters written herein bind us in no way.

This document replaces all previous versions which, starting from the stated date, are considered invalid.

Date of preparation: 17.05.2023.

Previous version: Version /

Changed chapters: /

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