

<b>TECHNICAL DATA SHEET</b>	<b>Issue: 1</b>	<b>Version: 2</b>
<b>BK-ThermoStabil</b>	<b>RZ-TLP-117</b>	<b>Date: October 17th 2018</b>

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Commercial product name:** BK-ThermoStabil (shades: grey, black)

**Information on the manufacturer:** Banja Komerc Bekament DOO  
 34304 Banja  
 Arandjelovac  
 tel. 034-6777-500  
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**Contact for TDS preparation:** email: laboratorija@bekament.com

## 2. DESCRIPTION AND SCOPE OF APPLICATION

Thermally stable coating resistant to temperatures up to 600°C produced on the basis of synthetic resins and solvents. It is used for boilers, stovepipes, stoves, radiators, power lines, car exhaust system and the like.

## 3. COMPOSITION

**Chemical composition:** Synthetic resin, solvents, powdered aluminium 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, toluene is hazardous ingredient and therefore this product is classified as hazardous, and is labelled with: Hazard.

## 4. TECHNICAL CHARACTERISTICS

<b>Density (SRPS EN ISO 2811-1)</b>	0,95-1,00 g/cm
<b>Film dry when touched</b>	30 min
<b>Film completely dried</b>	24 h
<b>Indicative consumption</b>	100-125 ml/m <sup>2</sup>
<b>Package</b>	0,75 l

## 5. OTHER CHARACTERISTICS

<b>Form</b>	Liquid
<b>Colour</b>	Black, grey
<b>Odour</b>	Solvent-like
<b>Content of non-volatile substances</b>	approx. 60%
<b>VOC* (max VOC A/i: 850g/l)</b>	Total content of VOC max 799 g/l

## 6. SUBSTRATE

The substrate must be degreased, cleaned, dry and free of rust. Remove the rust mechanically, and remove grease and other impurities using the BK-Nitro solvent.

## 7. PREPARATION AND APPLICATION

Before use it is necessary to mix the material well first and if needed thin it using the BK-Nitro Extra solvent. The coverage capacity drops proportionally to the used quantity of solvent. Applied with brush, roller or gun in 1-2 layers. Application temperature is from 8 °C to +35 °C. Drying time is 1h.

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 2 H225  
Skin irritation, Category 2 H315  
Aspiration hazard, Category 1 H304  
Reproductive toxicity, Category 2 H361d  
Specific target organ toxicity - JI, Category 3 H336  
Specific target organ toxicity - VI, Category 2 H373

**Hazard statements**

H225: Highly flammable liquid and vapour

H315: Causes skin irritation

H361d: Suspected of damaging the unborn child

H304: May be fatal if swallowed and enters airways

H336: May cause drowsiness and dizziness

H373: May cause damage to organs (central nervous system) through prolonged or repeated exposure (inhalation)

**Precautionary statements:**

P102 Keep out of the reach of children.

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

P260 Do not inhale vapour

P280 Wear protective gloves / protective clothes / safety goggles / face protection

P331 Do not induce vomiting.

P308+P313 If exposed or concerned: Get medical advice/attention.

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

**Contains: Toluene**

## 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

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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: October 17<sup>th</sup> 2018

Previous version: Version 1: of February 8<sup>th</sup> 2017

Changed chapters: 6 and 7.