

TECHNICAL DATA SHEET	Issue: 1	Version: 0
BK-MetalPrime Classic	RZ-TLP-110	Date: 29.06.2022.

1. PRODUCT AND COMPANY INFORMATION

Product commercial name: BK-MetalPrime Classic (shades: grey, red)

Distributor:

Banja Komerc Bekament DOO
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Arandelovac
tel. 034-6777-500
fax. 034-6777-505
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2. DESCRIPTION, FIELD OF APPLICATION

One-component primer used for basic protection of steel constructions and metal surfaces from rust in the internal and external environments. Used individually or in combination with BK-EmajlClassic.

3. COMPOSITION

Chemical composition: Alkyd resin, thinners, pigments, fillers, additives

Hazardous substances: 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 labeling system: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics was introduced into law, this product is classified as a hazardous product with the following label: Hazard.

4. TECHNICAL CHARACTERISTICS

Density(SRPS EN ISO 2811-1), g/cm ³	1.35-1.45
Viscosity (DIN 53211, 4mm, 20 °C), s	120-180
Fineness of Dispersion, µm	20-30
Film is dry to the touch, h	6
Film is completely dry , h	24
Indicative consumption, ml/m ²	70-95
Packaging, l	0.75

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5. OTHER CHARACTERISTICS

Appearance	White or colored liquid
Odor	Thinner-like
Non-volatile matter content	70-75%
VOC* g/l	max. 349 g/l (max. allowed VOC A(e): 350 g/l)

*Volatile Organic Compound

6. SURFACE PREPARATION

The surface must be degreased, clean, and dry. Mechanically remove rust, while grease and other dirt should be removed with a degreasing agent.

7. PREPARATION AND APPLICATION

Before use the mass needs to be thoroughly mixed and dissolved using the alkyd-based BK-Classic thinner up to 5% (application by brush or roller) and 5-10% (application by spraying). Covering ability decreased after dilution. It is applied using a brush, roller, or a spray gun in 1-2 layers. The following layer is to be applied after 24 hours. Optimal working temperature is between 15 and 25 °C and relative humidity below 80%. It is not recommended to work on temperature below 5 °C. Do not work in direct sun, rain, strong wind and humidity higher than 80 %.

8. CLEANING THE TOOLS

All tools needs to be thoroughly washed using nitro thinner BK-Nitro immediately after use.

9. HANDLING AND STORAGE

Use skin and eye protective gear. Keep the product away from heat sources and ignition sources. Do not use tools that produce sparks. Drinking, eating, and smoking while handling the chemical is forbidden. When the product is handled in closed spaces, efficient local ventilation must be secured.

The product must be stored in its original packaging between +5°C and +25°C, away from heat sources and direct sunlight.

Shelf life: 36 months

10. PERSONAL PROTECTION

Respiratory tract protection: Not needed when the rooms are well aerated

Hands and body protection: Preventative use of protective gloves and work overalls

Eye protection: Safety goggles as a preventative measure

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11. REGULATION INFORMATION

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 labeling system was introduced into law, this product is classified as a hazardous product with the following label: Hazard.



Hazard

Flammable liquids, Category 3 H226
Aspiration hazard, Category 1, H304
Specific target organ toxicity-JI, Category 3 H336
Germ cell mutagenicity, category 1B, H340
Carcinogenicity, category 1B, H350
Specific target organ toxicity-VI, Category 1 H372
Hazardous to the aquatic environment, category chronic 2, H411

Hazard information

H226 Flammable liquid and vapor
H304 It can cause death if swallowed and enters the respiratory tract
H336 May induce drowsiness and dizziness
H340 May cause genetic defects
H350 May cause cancer
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long-term effects.

Precautionary statements

P101 If medical advice is needed, take the product packaging or label with you
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P264 Wash thoroughly after handling
P280 Wear protective gloves/face protection/protective clothing/respiratory protection/safety footwear.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378
P501 Storage of the contents/ packaging in accordance with national regulations.
Additional labeling:
EUH 066: Multiple short-term exposures might cause the skin to become dry or crack.
EUH208: Contains butanone oxime, cobalt bis(2-ethylhexanoate), phthalic anhydride.
EUH211: Attention! When spraying, droplets can be created that are dangerous to inhale.
Do not inhale solid particles or small droplets from the spray.

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Contains: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatic (2-25%), titanium dioxide (aerodynamic diameter $\leq 10 \mu\text{m}$); butanone oxime.

12. ECOTOXICOLOGICAL INFORMATION

No known negative health side-effects are known when the product is used properly. The product cannot reach waterways or sewage.

13. STORAGE

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. The purpose of the Data Sheet is to serve 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 product selection, as well as for poorly executed work. It is assumed that the contractor has mastered the techniques of installing and use of various products.

Matters written herein bind us in no way.

This document replaces all previous versions. All previous versions, starting with the listed date the document was compiled, are void.

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