

1. PRODUCT AND COMPANY INFORMATION

Product commercial name: BK-Metal 3in1 (shades: white RAL 9016, black RAL 9005, red RAL 3001, IMT red RAL 3020, rotten cherry RAL 3011, light blue RAL 5017, dark blue RAL 5013, light green RAL 6002, dark green RAL 6005, gray RAL 7038, IMT gray RAL 7011, light brown RAL 8015, dark brown RAL 8016, yellow RAL 1018, silver RAL 9006).

Distributor:

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2. DESCRIPTION, FIELD OF APPLICATION

Anticorrosive, basic and finishing paint for protection and repair of all types of metal, steel, ironwork, aluminium, galvanised steel.

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: Xylene (mixed isomers); toluene; trizinc bis (orthophosphate); 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) | 1.00-1.18g/cm ³ |
| Viscosity (SRPS EN ISO 2431,Ø4) | 40-80 s |
| Fineness of Dispersion | 20µm |
| Film is dry to the touch | 45 min |
| Film is completely dry | 24 hrs |
| Hardness (Pervoz) | 88 |
| Water resistance | Satisfactory |

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| | |
|------------------------|---|
| Indicative consumption | 100-120 g/m ² |
| Packaging | 0.75 l |
| Note | The coating meets the requirements of the SRPS EN ISO 12944-6 standard for atmospheric corrosivity category C2-long (H) lifetime (from 15 to 25 years), C3-medium (M) lifetime (from 7 to 15 years) and C4- short (L) shelf life (up to 7 years) |

5. OTHER CHARACTERISTICS

| | |
|--|--------------|
| Shape and color | White liquid |
| Odor | Thinner-like |
| Non-volatile matter content | 50-60% |
| VOC* g/l: max. 460 g/l (max. allowed value A(z): 500 g/l) | |

*Volatile Organic Compound

6. SURFACE PREPARATION

The metal surface onto which the paint is applied does not require particular cleaning of corrosion. Only the roughest, removable layer of rust must be removed. Degrease and clean the metal well, and then apply the paint.

7. PREPARATION AND APPLICATION

Stir the mass well before use. As needed, dilute the paint using the BK-RX thinner.

Thinning: 5-10% for application by brush, roller and up to 15% for spraying (gun with nozzle \varnothing 1.8). When diluted, the coverage decreases. Apply in two layers. Apply the first layer by shading and apply the second layer more fully so that the layer thickness is 120 microns, which is enough to stop further penetration of corrosion. The second layer must be applied no later than 4 hours after applying the first layer. BK-Metal 3in1 paint adheres well to old paint and can also be used for painting wood and plastic. It can also be applied directly to degreased galvanized sheets (without using a primer).

Application temperature: From +10 °C to +30 °C.

The optimal temperature for work is between 15 and 25 °C and relative humidity below 80%. It is not recommended to work at a temperature lower than 5 °C. Do not work in direct sunlight, rain, strong wind and r.v.v. greater than 80%.

8. CLEANING THE TOOLS

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

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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.

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

Acute toxicity, category 4, H312+H332

Skin irritation, Category 2: H315

Skin sensitization, category 1A, H317

Germ cell mutagenicity, category 1B, H340

Carcinogenicity, category 1B, H350

Specific target organ toxicity-VI, Category 2 H373

Hazardous to the aquatic environment, category chronic 2, H411

Hazard information

H226: Flammable liquid and vapour.

H312+H332 Harmful in contact with skin or if inhaled.

H315 Causes skin irritation

H317 May cause allergic skin reactions.

H340 May cause genetic defects.

H350 May cause cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long-term effects.

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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/protective clothing/eye protection/face protection.

P331 Do NOT induce vomiting.

P304+P340 If inhaled: Remove the person to fresh air and place them in a position that facilitates breathing.

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

P501 Storage of the contents/packaging in accordance with national regulations.
Additional labeling:

Contains: Contains butanone oxime, unsaturated fatty acids C14-18 and C16-18, maleate, cobalt bis (2-ethylhexanoate).

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

Allowed for professional use only.

12. ECOTOXICOLOGICAL INFORMATION

No known negative health side-effects are known when the product is used properly. The product must not 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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