

TECHNICAL DATA SHEET	Issue: 1	Version: 3
BK-Metal 3in1	RZ-TLP-107	Date: 8.12.2020.

1. PRODUCT AND COMPANY INFORMATION

Product commercial name: BK-Metal 3in1 (shades: black, white, red, yellow, grey, dark blue, light blue, dark brown, light brown, light green, dark green, white matte, burgundy, IMT red, IMT grey, copper, gold, silver)

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)	1.20-1.40g/cm ³
Viscosity (SRPS EN ISO 2431,Ø4)	140-160 s
Fineness of Dispersion	15µm
Film is dry to the touch	40 min
Film is completely dry	24 hrs
Hardness (Pervoz)	175
Water resistance	Satisfactory

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Mineral oils resistance	Satisfactory
Indicative consumption	100-105 g/m ²
Packaging	0.75 l

5. OTHER CHARACTERISTICS

Shape and color	White liquid
Odor	Thinner-like
Non-volatile matter content	cca. 60%
VOC* g/l: max. 499 g/l (max. allowed value A(i): 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. Apply it in 2 layers. Covering ability decreased after dilution. Apply the first coat using shading. The second layer must be thicker so that the thickness of the layer is equal to 120 microns, which is enough to stop the further penetration of corrosion. The second layer should be applied up to 7 hours at latest after applying the first layer.BK-Metal 3u1 sticks well to any old paint, too, and can be used for coloring wood and plastic. It can be applied directly on non-degreased galvanized sheet metal (without the use of a primer). It is applied by using a brush, a roller or a gun (ø 1,8).

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.

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

Skin irritation, Category 2: H315

Aspiration hazard, Category 1 H304

Toxic to reproduction, Category 2 H361

Specific target organ toxicity-JI, Category 3 H336

Specific target organ toxicity-VI, Category 2 H373

Hazard to the aquatic environment, acute 1 H400

Hazard to the aquatic environment, chronic 1 H410

Hazard information

H226: 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 or dizziness

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

H400 Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P331 Do NOT induce vomiting.

P308+P313 IF exposed or concerned: Call a POISON CENTER/doctor.

P273 Avoid release to the environment.

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

RZ-TLP-107

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Contains: toluene

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.

Date: 8.02.2017.

Previous version:Version 1.2 - 20.10.2018.

Changed chapters: 4