

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Trade name of the product:** BK-Pur Universal Gun

**Information about the manufacturer:**

Banja Komerc Bekament DOO  
Kralja Petra Prvog 132  
Arandelovac  
tel. 034-6777-500  
fax. 034-6777-505  
e-mail: komercijala@bekament.com

**Contact for the making of the TDS:** e-mail: laboratorija@bekament.com

## 2. DESCRIPTION AND AREA OF APPLICATION

BK-Pur Universal Gun is prefabricated, single component, insulation and building foam placed in a gun, for sealing of construction elements. Cures in the presence of moisture from the air and from building materials.

BK-Pur Universal is used for joints between separated walls, ceilings and floors, filling and insulation around window frames and doors. Good adhesion to concrete, brick, stone, wood, plaster, metal and many plastics such as polystyrene foam, rigid PU foam and PVC.

**Advantages:**

- High quality.
- Professional PU foam.

**Limitations:**

- Not recommended for use on surfaces immersed in water. Not suitable for filling of closed holes.
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.

## 3. COMPOSITION

**Chemical composition:** Foam based on polyurethane.

**Hazardous ingredients:** In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labeling of dangerous substances and mixtures, by which the CLP/GHS classification and labeling was introduced to legislations, components diphenylmethane diisocyanate, isomers and homologues, chlorinated alkanes, C14-17, tri (2-chloro-isopropyl) -phosphate are hazardous ingredients, so this product is classified as hazardous, and labeled: Danger.

#### 4. TECHNICAL SPECIFICATIONS

|  |                   |
|--|-------------------|
| <b>Density, kg/m<sup>3</sup> (EN ISO 2811-1)</b> | 18-25             |
| <b>Closed cells</b>                              | around 70%        |
| <b>Application temperature, °C</b>               | 5 - 35            |
| <b>Curing time, min</b>                          | 80-100            |
| <b>Cutting time, min</b>                         | 20-40             |
| <b>Dimensional stability</b>                     | -5%<DS<0%         |
| <b>Class pf reaction to fire</b>                 | B3                |
| <b>Film forming, min</b>                         | 8-12              |
| <b>Soundproofing, dB</b>                         | 62                |
| <b>Temperature resistance, °C</b>                | -40 to +90        |
| <b>Thermal conductivity, mW/mK</b>               | 30-35             |
| <b>Package, ml</b>                               | 650; 750          |
| <b>Appearance</b>                                | Light yellow foam |
| <b>Odor</b>                                      | Characteristic    |

#### Certificate:

|  |   |
|--|---|
|  | ISO 717-1 Joint Sound Insulation<br>Feica TM1011 Compression Strength<br>Feica TM1012 Shear Strength<br>Feica TM1018 Tensile Strength<br>EN 1609 Water vapour patial immersion<br>EN 12667 Thermal Performance<br>DIN 12354-3 Joint Sound Insulation<br>VOC emissions ISO 16000<br>EMICODE EC1 Plus – very low emission |
|--|---|

#### 5. BASE SURFACE

The base surface must be firm, clean and dry, without loose parts, oil stains and the like. Lightly moisten the surface with water using a spray nozzle before applying the PU-foam.

## 6. PREPARATION AND APPLYING

Attach the can on the gun with the NBS thread. At low temperatures, leave the container with the product for at least one hour before using in the warm or at room temperature. Prior to application, shake the container vigorously (at least 20 times).

Wider joints and joints deeper than 5 cm are filled into multiple layers. The time between placing two layers of foam is 15-30 min. Before each application lightly spray with water. Fresh foam can be removed with the BK-PU Cleaner. After curing, remove the excess foam with a knife or a spatula, and after that the surface can be further processed with mortars or acrylic sealants.

## 7. CLEANING THE TOOLS

Clean all tools and application equipment immediately after use with the BK-PU Cleaner. Hardened (cured) material can only be removed by mechanical means.

In order to clean the gun, attach the BK-PU Cleaner to the gun adapter. Never leave the BK-PU Cleaner attached for more than one hour.

## 8. HANDLING AND STORAGE

With correct application, there are not any special precautions necessary for handling. Keep out of the reach of children.

Store at temperatures of +5°C to +25°C, protected from direct sunlight and frost. Expiration date is indicated on the package.

## 9. PERSONAL PROTECTION

Protection of airways: This product may not be used in poor ventilation conditions. In case of brief exposure use safety mask. In case of intensive or longer exposure, use respiratory protective device that is independent of the circulating air.

Protection of hands and body: Use protective gloves (impervious to the product). After each work break wash hands with water and apply protective cream. Use work clothes with long sleeves and legs and shoes covering the whole foot. Eye protection: Wear safety goggles that lay tightly against the face.

## 10. INFORMATION ON REGULATIONS

In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labeling of dangerous substances and mixtures, by which the CLP/GHS classification and labeling was introduced to legislations, components diphenylmethane diisocyanate, isomers and homologues, chlorinated alkanes, C14-17, are hazardous ingredients, so this product is classified as hazardous, and labeled: Danger

**Danger**

Flammable aerosols, Category 1 H222

Pressurized container: H229

Skin irritation, category 2 H315

Skin sensitization, Category 1 H317

Eye irritation, category 2 H319

Acute toxicity, Category 4: H332

Respiratory sensitization, Category 1: H334

Specific toxicity for the target organ – single time exposure, category: 3 H335

Carcinogenicity, category 2: H351

Reproductive toxicity-effects on or via lactation, H362

Specific toxicity for the target organ - repeated exposure: H373

Hazardous to the aquatic environment, category Chronic 4: H413

**H-phrases:**

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 If inhaled may cause allergy or asthma symptoms or breathing problem.

H335 may cause respiratory irritation.

H351 Suspected of causing cancer.

H362 May cause harm to newborns.

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

H413 May cause long lasting harmful effects to aquatic life.

**P-phrases:**

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, sparks, open flames, hot surfaces. No smoking.

P211 Do not spray on open flame or other ignition source.

P251 Pressurized containers: Do not puncture, pierce or incinerate, even when they are empty.

P260 Do not breathe dust, fumes, gas, mist, vapor, spray.

P263 Avoid contact during pregnancy and lactation.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid discharge/release into the environment.

P280 Wear protective gloves, protective clothing, safety goggles, face protection.

**RZ-TLP-093-02****Banja Komerc Bekament d.o.o., Banja / 34304 Arandelovac | [www.bekament.com](http://www.bekament.com)**

P302+P352 IF IT GETS ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove person to fresh air and place in a position that facilitates breathing.

P342 + P311 If you have respiratory problems: Call a POISON CONTROL CENTER/doctor/...

P305+P351+P338 IF IT GETS INTO EYES: Gently rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

P501 Dispose of contents, packaging in accordance with the Law on Packaging and Packaging Waste ("Official Gazette of RS" no. 36/09)

EUH204 contains isocyanates. May cause allergic reaction.

EUH066 Repeated exposure may cause skin dryness or cracking.

Without additional ventilation, the formation of explosive mixtures is possible.

"From August 24, 2023, proper training is mandatory before industrial and professional use."

## 11. ECOTOXICOLOGICAL INFORMATION

Based on experiences and existing information, when used properly, negative effects on health are not known. Avoid uncontrolled disposal into sewers and waterways.

## 12. DISPOSAL METHOD

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

## 13. OTHER INFORMATION

If the contractor when installing the material observes a defect, they are obliged to stop the works and notify the manufacturer, which will in the shortest possible period consider the complaint. Complaints to the manufacturer after installing a large part or the entire amount of material, concerning the characteristics which could have been identified during the installation process cannot be subject to complaint.

## 14. NOTE

Banja Komerc Bekament DOO performs control of the products through their own laboratory as well as routine testing in certified laboratories. The technical data sheet is

a product of our knowledge and practical experience so far, and should serve to all users as a recommendation for achieving the best results. If the weather and other conditions are different from those in our instructions, it is necessary to take our instructions as general guidelines, without warranty for installation.

Bekament Banja Komerc DOO is not liable for damages resulting from improper use or incorrect product selection, as well as for poorly executed works. It is assumed that the contractor mastered the techniques of installation and use of various products. The written instructions are not in any way binding for us.

This document replaces all previous versions, which as of the above date of making of this one are considered invalid.

Date of making: 18.01.2023.

Previous version: Issue 1.5 – 18.04.2022.

Changed chapters: 4.