

HYDROZOL® BK (SV-BO)

bitumen shingles from APP modified bitumen reinforced with fiberglass, resistant to extreme weather conditions, used for long-lasting protection of water leakage in roofs with slope between 12° and 90°

1. Product / Production and Corporate Title

1.1. Product name

HYDROZOL® BK (SV-BO)

1.2. Scope of use:

HYDROZOL® BK (SV-BO) are bitumen shingles made from fiberglass both sides impregnated with APP modified bitumen. The product is meant for long-lasting and secure protection from water leakage of different types of roofs and roofing constructions.

1.3. Company:

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1.4. In case of emergency:

Tel.: 112

Toxicology Clinic to Multi-profile Hospital for Active Treatment SA „N. I. Pirogov”

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2. Possible hazards

2.1. Classification of the substance or the mixture – mixture:

2.2.1. Classification in accordance with Directive 67/548 EU

The product is not classified as hazardous.

Classification in accordance with Regulation (EU) 1272/2008

The product is not classified as hazardous.

Classification system:

2.2. Label elements

2.2.1. Labeling in accordance with Regulation (EU)1272/2008 (CLP)

Pictograms:

Hazard phrases:

Safety recommendations

2.2. Labeling in accordance with Directive 1999/45 (DPD)

Hazard symbols

Risk phrases

Safety Recommendations

2.3. Other hazard phrases

3. Composition / Information on Ingredients

3.1. Substances - not applicable

3.2. Mixture - not applicable

3.2.1. Common characteristic

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Description:

Sheets on the basis of fiberglass saturated with APP modified bitumen content. They are covered with colored mineral slates (grey, green or red), on the upper side, on the lower side - by polyethylene film.

Components determining the harm:

The product is not classified as hazardous in accordance with Directive 1999/45 and Regulations 1272/2008

4. First Aid Measures

General information

Pay special attention when applying the product by nailing. Attention is required while working with nails and hammer – the strength of impact applied by the hammer on the human body may cause serious body harms. If a nail is hammered in the body, seek medical help immediately.

When inhaled:

The product is unlikely to cause harm by inhalation in its current state.

In case of skin contact:

The product is unlikely to cause harm in its current state.

In case of eye contact:

In its current state the product may contact the eye by a small particle: rinse with plenty of water with open eyelids for at least 15 minutes. If irritation continues seek medical advice.

When swallowed:

Seek medical help immediately. Rinse mouth thoroughly with water.

Note to the Medics:

Treat the symptoms.

5. Fire-Fighting Measures

5.1. Extinguishing agents

Suitable extinguishing agents:

Dry chemical powder, alkali resistant foam, carbon dioxide, water spray, water

Unsuitable extinguishing means because of security considerations:

5.2. Special hazards arising from substance or mixture

If the bitumen shingles are inflamed dense black smoke is released.

5.3. Advice for firefighters

Carry individual respiratory apparatus with pressured air and protective firefighting clothing (firefighting helmet, jacket, trousers, shoes and gloves).

5.4. Supplementary information:

Residues of fire and water contaminated from fire extinguishing should be removed in compliance with the local provisions.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures:

Take the precautions indicated in items 7 and 8 into consideration

6.2. Precautions for environmental protection:

Special precautions are not necessary.

6.3. Methods and materials for limitation and cleaning up:

Special precautions are not necessary. The remainders are collected in a specialized place.

7. Work and Storage

7.1. Precautions for safe handling

Customary personal hygiene measures such as washing hands after working with the product are recommended.

7.2. Conditions for safe storage, including any incompatibilities:

Requirements to the storage premises and depositories:

Store in dry premises with temperature up to 25°C without direct sunlight. Keep away from open fire and heating sources.

The storage premises should be equipped in accordance with the local requirements for flammable materials.

Instructions for storage along with other materials

Do not store together with food or drinks.

Other data about the storage conditions:

Keep away from direct sun light and heating sources.

7.3. Specific and end-use

The product has no other uses than those specified on the label and product data sheet.

8. Exposure Controls and Personal Protective equipment

8.1 Parameters and control

Specific parameters are not defined.

8.2. Exposure control

In accordance with Directive 1999/45 (DPD) and Regulation 1272/2008 (CLP) the product is not classified as hazardous and limits of the exposure are not defined.

Technical control means:

Not required.

8.3. Individual protection measures, such as personal protective equipment:

General protective and hygienic measures: Do not eat, drink or smoke during working time. After completion of work and prior to resting, wash hands with water and soap.

Respiratory protection: Normal ventilation is sufficient.

Skin protection: Special measures are not required.

Eye protection: Special measures are not required.

Body protection: Use apron and cotton clothing.

9. Physical and Chemical Properties

9.1. Information about the physical and Chemical Properties

Appearance: straight lines with beavertail finish
 Color: in accordance with the product labeling
 Odor: typical for bitumen

Freezing interval / point: Not applicable
 Interval / Temperature of melting: Not applicable
 Interval / Temperature of boiling: Not applicable
 Flashing point: Not applicable
 Auto ignition point: Not applicable

Temperature of inflammability and explosion:
 Lower limit: Not applicable
 Upper limit: Not applicable
 Density, 20°C: Not applicable
 pH: Not applicable
 Solubility: The product is not soluble in water in its current state.

10. Stability and Reactivity

10.1. Reactivity

Not known when the product is used properly.

10.2. Chemical stability:

The product is stable under normal conditions of work and storage.

10.3. Possibility of hazardous reactions

When hot applying of the product, toxic fumes may be emitted.

10.4. Conditions to avoid:

Use and store away from sources of heat and fire.

10.5. Incompatible materials

Unknown.

10.6 Hazardous products of decomposition

Bitumen vapours and dense black smoke may be emitted when heating.

11. Toxicological Information

11.1. Information on toxicological effects

Not expected.

11.2. Information on possible ways of exposure

When swallowed:

Unlikely route of exposure.

After contact with the skin:

Unlikely route of exposure.

After inhalation:

Unlikely route of exposure.

After contact with the eyes:

Unlikely route of exposure.

Other data:

There is no data about any mutagenic influence.

There is no data about any carcinogenic effect.

There is no data about any fertility harm effect.

11.3. Supplementary information:

12. Ecological Information

12.1. Toxicity

Toxicological effects for the surrounding are not expected.

12.2. Resistance and degradability

Not expected.

12.3. Bio-accumulating ability

No data.

12.4. Mobility

Soil: Not expected.
Water: Not expected.
Air: Not expected.

13. Disposal Considerations

13.1. Methods for treatment of the waste

The procedures for elimination and destruction should correspond to all the local and national laws and provisions.

The product should not be disposed together with domestic wastes.
Dispose the product on the places meant for this aim.

13.2. Packaging wastes:

14. Transport Information

14.1. Land transportation ADR / RID:

Not classified in this mode of transportation.

14.2. Sea transport IMDG / GGVSee:

Not classified in this mode of transportation.

14.3. Air transport ICAO / IATA:

Not classified in this mode of transportation.

15. Regulatory Information

15.1. Specific for the substance or mixture / legislation on safety, health and environment:

- The product does not contain information about the ozone layer according Reglament/EO/2073/2007
- The product does not contain substances, persistent organic pollutants under Reglament/EO/850/2004
- According EO/67/548 require labeling for dangerous products.

15.2. Assess the safety of the substance or mixture:

There are no estimates available.

16. Other Information

16.1 Statements indicated in Chapter 3

16.2 Sources of information

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18.12.2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and the relevant international rules for transport
- Regulation (EC) No. 1272/2008 on classification, packaging and labeling of dangerous substances and mixtures
- Regulation (EC) 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18.12.2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) .7
- Regulation (EC) 67/548 relating to the classification, packaging and labeling of dangerous substances and mixtures
- Law on protection from the harmful effects of chemicals / SG 95 of 24.11.2006
- Ordinance on the manner of classification, packaging and labeling of chemical substances and mixtures
- Ordinance № 13 on the protection of workers from risks related to exposure to chemical agents at work
- Ordinance № 14 on the norms of permissible concentrations of harmful substances in the atmospheric air of the settlements
- European Agreement concerning the international carriage of dangerous goods ADR
- Regulations concerning the International Carriage of Dangerous Goods RID

The data in this Safety Data Sheet are based on the current state of our knowledge and satisfy the national legislation and the legislation of the EU. The specific conditions of work of the relevant user, however, are beyond our knowledge and control. The user shall be obligated under his own responsibility to conform to the relevant existing legal norms and provisions. The data in this Safety Data Sheet describe the requirements for security and do not constitute any guarantee for the properties of the product.