

«HIMIK-PLUS»



Technical Datasheet

Adhesive-sealant DR.Boat

Adhesive-Sealant DR.Boat is a composition based on polyurethane for the repair and sealing of punctures or cuts in inflatable products made of PVC fabric and rubberized fabric without the use of trays.

AREAS OF APPLICATION.

Repair and sealing of punctures and cuts in inflatable products made of PVC, PU and rubberized fabrics. Does not require the use of trays or other overlaid elements. It is recommended for repair of inflatable boats, mattresses, water attractions, trampolines, swimming pools, as well as frame products made of PVC fabric (awnings, tents). It can be used in stationary and marching conditions.

PROPERTIES.

- Resistance to hydrolysis (water resistance) in salt and fresh water.
- High strength and heat resistance.
- Good plasticity, including at low temperatures.

TECHNICAL DATA.

Based	polyurethane
Color	Colorless, transparent
Color after crystallization	In a thin layer, colorless, transparent In a thick layer, white
Non-volatile content,%	27 – 35
Viscosity at 20 ° C, MPa * s	About 8000
Density, g / cm ³	About 0,9
Conditional tensile strength, MPa, not less than	20
Time to reach 70% of the maximum bond strength, hour, not more than	7
Temperature resistance, oC	70

PACKAGING.

Aluminum tube 40 ml in a box

70 units in a cardboard box

STORAGE.

Storage time 24 months. Recommended storage temperature: 5 - 25 °C. Storage in original containers away from sources of fire.

NOTICE.

Glue-sealant is flammable. When using, do not smoke, work away from sources of ignition and arcing. It is recommended to work with adhesive-sealant in well-ventilated rooms, and in industrial conditions in rooms with forced-air ventilation.

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When transporting at low temperatures, the viscosity of the sealant increases, but when it enters a warm room, the properties of the adhesive are completely restored.

INSTRUCTIONS FOR USE.

Repair of products made of PVC or PU fabric and PVC film.

Place around the damage (puncture or cut) - preferably at least 20 mm in each direction - clean from dirt and dust and wipe with a swab dipped in a solvent to remove grease. The solvent will evaporate (this takes 3 - 10 minutes depending on the ambient temperature). Large cuts longer than 3 cm must first be fastened, sewing the place cut with thread and needle. PVC film is not necessary to stitch. The place of damage must be fixed from the movement of the edges of the puncture or cut by any improvised means. Open the tube with glue-sealant and apply a thick layer to the damage site, grasping the areas 10 - 15 mm around the damage. After 15 - 30 minutes (depending on the ambient temperature), re-apply a thick layer of glue-sealant. After 5-7 hours you can remove the fixation and the product can be used. Full strength comes in 24 hours.

Repair of products made of rubberized fabric.

Rubberized fabric before repair must be cleaned to the cord, capturing the site for 10 - 15 mm in all directions. The remaining operations to perform, as for PVC and PU fabric.

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