

Technical Data Sheet - Rug Tufting Glue

Product: Rug Tufting Glue (1 l, 3× 1 l and 12× 1 l packs)

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1. Description and intended use

A water-based dispersion glue intended for locking in the fibres of tufted rugs and for bonding secondary backing cloth to the back of the rug. It also bonds paper, cardboard, textiles, leather and wood reliably. A strong bond requires that at least one of the bonded materials absorbs moisture – with tufted rugs, both the yarn and the tufting cloth meet this condition.

Use the glue **in its original consistency**. Diluting with water or otherwise modifying it is not recommended – it reduces bond strength.

2. Classification and safety information

The mixture is **not classified as hazardous** within the meaning of Regulation (EC) No 1272/2008 (CLP) on classification, labelling and packaging of substances and mixtures. It requires no hazard pictograms or signal words.

It contains preservatives (2,2-dibromo-2-cyanoacetamide; a 3:1 mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one) which **may produce an allergic reaction** (EUH208). Repeated contact may irritate the skin; healing occurs without lasting effects.

When working, we recommend: protective gloves, application with a spreader or spatula (not with a bare hand), a ventilated room and avoiding contact with the eyes. Keep out of reach of children.

3. Physical and chemical properties

Physical state	viscous liquid
Colour	greyish yellow to light brown
Odour	mildly sharp
pH	4.0–6.0
Density	1,030–1,100 kg/m ³
Dynamic viscosity (Brookfield)	10,000–25,000 mPa·s
Drying time	1–12 h depending on layer and conditions
Application temperature	+15 °C to +25 °C
Melting / freezing point	0 °C
Flammability / explosivity	neither flammable nor explosive

Decomposition temperature	150 °C
Solubility	insoluble in water once dried; dissolves in ethanol and acetone
Shelf life	12 months in the closed original packaging
Consumption	350–500 g/m ² on a smooth substrate; for a tufted rug allow approx. 1 l per 1 m ² (the cloth and yarn absorb the glue)

4. First aid

- **Skin contact:** wash with warm water and soap.
- **Eye contact:** rinse with plenty of clean water.
- **If swallowed:** drink a small amount of clean water at room temperature (up to 0.2 l for an adult). **Do not induce vomiting.** Seek medical advice if problems occur.
- **If inhaled:** move to fresh air. If symptoms persist (coughing, shortness of breath), seek medical attention.

Toxicological Information Centre, Prague (24/7): +420 224 919 293, +420 224 915 402. In an emergency you may also contact your local poison control centre.

5. Storage

Store in the original, closed and undamaged packaging at **5 °C to 40 °C**, away from direct sunlight. **Protect from frost** – freezing damages the dispersion irreversibly. Close an opened container carefully after each use so the glue does not dry out or become contaminated.

6. Measures in case of spillage

Contain and wipe up spilled glue while it is still liquid – it can then be reused or disposed of as waste. Rinse the surface and any tools with water. Do not allow larger quantities to enter drains, groundwater or surface water.

7. Stability and reactivity

Under normal conditions of use and storage the glue is stable and non-reactive. Thermal degradation occurs above 150 °C. Do not store mixed with other materials.

8. Ecological information and disposal

Once dried, the layer is classified as naturally biodegradable in soil – complete decomposition takes 12 to 18 months. The glue does not accumulate in organisms. Do not pour undiluted liquid residues into drains – they may burden the process in a wastewater treatment plant.

Disposal of residues: unused product belongs in waste-adhesive collection (waste catalogue code 08 04 10); dried residues can be disposed of as ordinary waste. **Packaging:** rinse after emptying and hand in with sorted plastic (15 01 02).

9. Transport

The product is not subject to regulations on the transport of dangerous goods (ADR/RID/IMDG). It is transported in the original packaging, protected from damage and frost.

This technical data sheet was prepared on the basis of the information available about the product as of the date of issue. For any questions, contact us at info@tufty.eu. You can buy the glue at www.tufty.eu in the Tufting Glue category.