



The Glue People

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TradePUR LTM8

Twin Pack Polyurethane adhesive.

General Description

TradePUR LTM8 is a universal polyurethane assembly and repair adhesive. The product mixes easily to a soft creamy consistency, which then applies very easily to many substrates. TradePUR LTM8 has a superior grab compared with most of this type of adhesive, and cures quickly to form a tough, resilient and completely waterproof bond. TradePUR LTM8 is solvent free and therefore will not attack sensitive surfaces.

Uses

TradePUR LTM8 bonds a wide variety of materials such as metals, many kinds of wood and wood based materials (inc hardwoods), stone, concrete, plaster, ceramic wall and floor tiles, glass, many synthetic materials such as polyester, expanded polystyrene, PVC, rigid polyurethane foam and Perspex. Especially good for bonding constructions which have to fulfill very high demands. Also suitable for bonding stainless steel.

LTM8 is particularly useful in the caravan industry where it is used to repair damaged panels both internally and externally. It has a tenacious bond to aluminium (when prepared), timber and timber based products, and most types of insulation material.

Due to the large number of different areas of application and possible differences in the reaction of the bond, testing is required before use in production.

Application

Surface preparation

Surfaces to be bonded must be clean, dry and free from dirt, dust or any other contaminant liable to impair adhesion. If necessary degrease with Tradesolve 4. In the case of timber structures the moisture content should not exceed 18%

Application

Place 1 part by weight of the hardener with 5 parts by weight of the resin into a clean mixing vessel, and mix thoroughly until a homogenous colour is achieved. The mixture remains workable for 30 to 60 minutes depending on the ambient temperature and amount of mixed adhesive. When using larger quantities; the resin/hardener mixture should be mixed mechanically. The assembly time of larger quantities may reduce to about 15 minutes.

The mixed adhesive should be applied to one surface only using a trowel or serrated scraper. For fixing soft materials such as rubber nap tiles, synthetic grass and for bonding ceramic tiles; apply the adhesive to the substrate using a coarse-toothed trowel. In the case of rubber floor coverings test the adhesive before carrying out any large jobs.

Sheeting materials can be fixed by applying beads of adhesive. Depending on the weight of the material, the interval between beads should be 20 – 40cms. Invariably apply an additional bead to the corners of sheeting materials.

Place the material to be bonded into the correct position and press it firmly into the adhesive, smoothing it out by hand pressure. Although not always necessary, it is recommended to clamp or support substrates during the setting time.

Remove wet adhesive stains using Tradesolve 4. Dried adhesive can only be removed mechanically.

Physical Data

Base	Part A – Polyurethane Part B - Isocyanate
Colour	Light brown (mixed)
Solids content	100%
Viscosity	125 Pa.s. (mixed @ 20°C)
Specific gravity	1400 Kg/m ³
Flash point	> +200°C
Temperature resistance	-30°C up to +110°C
Frost resistance	Good
Water resistance	Very good, Sea water proof.
Pot life	45 minutes @ 20°C
Set time	2.5 hours @ 20°C
Total cure time	48 hours @ 20°C
Coverage	1.5 – 3.5 m ² /Kg depending on the substrate and method (bead/glue line) Flat surface.
Shelf life	2 years, stored in a cool dry place away from moisture.

Health & Safety

Hardener – Contains diphenylmethane-4,4'-diisocyanates, isomers and homologues. Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation. Keep out of reach of children. Do not breathe vapour. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show the label/container. Use only in well ventilated areas. Contains Isocyanates.

Storage

Store only in original containers at temperatures between 5°C and 20°C. Keep out of direct sunlight. Avoid contact with water and moisture.

General Information

For safe handling information on this product, consult the material safety data sheets, (MSDS).

Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control.

It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, TradePUR LTM8.