

Technical data sheet

PERMACOL 3527



DESCRIPTION

The PERMACOL 3527 is our thixotropic gap filling UV adhesive. It is flexible and fast curing. This product is designed to have great adhesion to glass, metals, and various plastics. The combination of UV stability and water resistance make sure this product is suitable for outdoor use. Also available in a dual cure version (UV-light / heat). For large surfaces we advise to use PERMACOL 3525.

Technical details	
Chemical type	Methacrylic
Components	One component
Color	Misty white
Viscosity	Thixotropic
Hardness (Shore A)	80
UV-wavelength	320 – 400nm

USAGE INSTRUCTIONS

Can be cured with mercury and UV-LED lamps. Curing time depends on the spectrum and intensity of the lamp, the layer-thickness of the adhesive and the light transmittance of the substrate through which the light must pass.

Make sure the substrates are clean and free from dust, water, grease, fingerprints, oil, ect. Use isopropanol to clean the substrates. This product is light-sensitive. Keep exposure to daylight and artificial lighting to a minimum.

EN – Legal Disclaimer

The products of Permacol (the "Supplier"), are sold subject to the supplier's standard conditions of sale, which are included in applicable sales agreements, printed on the back side of invoices, or available upon request. Although the information, recommendations or advice contained herein is given in good faith, supplier makes no warranty or guarantee, express or implied, (I) that the results described herein will be obtained under end-use conditions, or (II) as to the effectiveness or safety of any design incorporating supplier's products, recommendations or advice. Nothing in this or any other document shall alter, vary, supersede or operate as a waiver of any of the supplier's standard conditions of sale.

Each user bears the full responsibility for making its own determination as to the suitability of Supplier's products, recommendations or advice for its own particular purpose. Each user must identify and perform tests and analyses sufficient to assure it that its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and Supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any product is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier, or as a recommendation for the use of such material in the infringement of any patent or other intellectual property right.

BENEFITS

- Fast curing
- Gap filling
- Curable with low intensity UV / direct sunlight
- Water resistant / dishwasher safe
- UV-resistant
- 100% solids, no solvents
- RoHS and REACH compliant

STORAGE

Store in its original packaging. Avoid direct exposure to light. See packaging for the expiration date. Shelf life: 6 months. The dual cure version should be stored in between 0-8°C.

SAFETY

Use protective gloves to avoid direct contact with the skin. Check the Material Safety Data Sheet for specific safety information.

PACKAGING

The PERMACOL 3527 is available in different kinds of cartridges and bottles