

Renew



Silicone Adhesive

Renew Silicone Adhesive is a one-component adhesive made specifically for bonding RTV silicone rubber to silicone rubber and other substrates including some plastics (urethane), plaster, ceramic, fabrics, etc. Renew Silicone Adhesive will work with most types of silicone rubber and provides a strong, flexible bond between silicone parts with high elongation. Silicone Adhesive can be colored with silicone pigment. Cured adhesive resists weathering, moisture, UV and high temperatures.

Renew Silicone Adhesive can be used to repair torn silicone rubber. Other applications include bonding silicone for prosthetics.

Materials should be stored and used at room temperature (72° F / 23° C). Storing in a warm environment will reduce the shelf life of unused material. This product has a limited shelf life and should be used as soon as possible. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk. Because no two applications are quite the same, a small test application to determine suitability for your project is recommended if performance of this material is in question. A clean, dry surface is essential for successful adhesive bonding. If possible, abrade surface and follow with solvent wipe before applying.

Dispensing – Squeeze tube, taking care to not allow air to enter tube before replacing cap. Unused product in tube exposed to air will cure quickly.

Application – Apply adhesive to surface and mate parts. Material will begin to cure in 5 minutes. Pieces can be handles after 1 hour. Full cure (100%) is attained after 24 hours. Warmer temperatures (above room temperature) and higher humidity will result in faster cure time. Lower temperatures will slow cure time.

Technical Information

One-Component System

Working Time: 5 minutes
Cure Time: 15 minutes
Color: Translucent Clear

The Material Safety Data Sheet (MSDS) for this or any Renew Advanced Materials product should be read prior to use and is available upon request from Renew Advanced Materials. All Renew products are safe to use if directions are read and followed carefully.

Be Careful! Use only with adequate ventilation. This product is irritating to the eyes and skin. If contaminated, flush eyes with water for 15 minutes and seek medical attention. Remove from skin with waterless hand cleaner then soap and water. Refer to MSDS. Vapors may irritate the respiratory tract. If contaminated, flush eyes with water for 15 minutes and seek medical attention. Remove from skin with soap and water. Use only with adequate ventilation.

Important! The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding this accuracy, the results to be obtained from the use thereof, or that any such will not infringe a patent. User shall determine beforehand the suitability of this product for the intended application and assume all risk and liability in connection therewith.

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