

Product Description

MXCUR[™] WSR (Windshield repair) is a low viscosity, fast cure and single component acrylate adhesive. **MXCUR[®] WSR** is specifically formulated for bonding and window repairing. The low viscosity makes it ideal for applications where wicking of the adhesive into pre-assembled parts is required. **MXCUR[®] WSR** cures rapidly when exposed to UV/Visible light.

MXCUR[®] WSR offers the following characteristics:

Chemistry	Acrylic
Appearance (uncured)	Transparent, pale straw colored liquid
Base chemical	Acrylic
Cure	UV/Visible light
Components	Single – requires no mixing
Viscosity	Low
Application	Bonding and sealing

Chemical and physical properties of the uncured material

	Typical Value
Specific Gravity @ 25 °C	1.05
Viscosity @ 25 °C	40-80 cPs
Flash Point	See MSDS

Fixture time

Fixture time is defined as the time to develop the shear strength of 0.1 N/mm².

6 mW/cm² @ 365 nm is less than 10 seconds.
100 mW/cm² @ 365 nm is less than 5 seconds.

General information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be used with chlorine or other strong oxidizing materials.

Where washing systems are used to clean the surfaces before bonding, it is important to check the compatibility of the washing solution with the adhesive. In some cases these solutions can affect the cure and performance of the adhesive. This product is not recommended for use on certain plastics. Users are recommended to confirm compatibility of the product with such substrates.

Storage & Handling precaution

Keep adhesive in a cool and dry place. The storage temperature is recommended at 8 °C - 24 °C. For details,

consult the Material Safety Data Sheet, (MSDS). Shelf life is twelve months from the date of manufacture in the original container under the optimal conditions.

1. Avoid contact with skin and eyes.
2. If contact with skin, rinse with water.
3. If adhesive gets into eye, keep eye open and rinse with water thoroughly. Seek medical attention immediately.
4. Keep the material out of children's reach.

Directions for use

For assembly

1. The substrate surfaces must be clean and free of grease.
2. Shake the product thoroughly before use.
3. If the cure speed is too slow, consider using activator.
4. The recommended bond gap is 0.1 mm. Where the bond gap is larger to a maximum of 0.5 mm or faster cure speed is demanded, activator should be applied to both sides of the material.
5. Assemble and clamp as required.
6. This product should be allowed to develop full strength before subjecting to loads (typically 24 - 72 hours. It is substrate, bond gap and ambient conditions dependent.)

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