

# Technical Data Sheet

TDS BONDLOC REAR VIEW MIRROR ADHESIVE

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## Bondloc Rear View Mirror

### TECHNICAL FEATURES

#### PRODUCT DESCRIPTION

Rear View Mirror is an Anaerobic Structural Adhesive based on modified Urethane Acrylic technology for bonding of rigid parts such as Rear View Mirrors in-place, Ferrite to Metals in loudspeakers, magnets, discs, electric motors etc.

#### APPLICATIONS

Typical applications are where tough, shock resistant bonds of high production speeds are necessary. Magnet bonding as described in above applications are typical of its usefulness.

#### USEFUL HINTS/NOTES

Rear View Mirror Adhesive is used with our special Activator to speed cure. Use Rear View Activator with Rear View Adhesive for metal, glass, ceramic and ferrite bonding, including plated metals. Accelerated cure is achieved without Activator @120°C for 30-60 minutes.

#### PROPERTIES

Typical Gap Design: 0.1mm  
Maximum Gap Design: 0.5mm  
Tensile Strength: Up to 25 N/mm(2)  
Max. Temp@60%  
Retained Strength - 85°CMax. Temp@100%  
Retained Strength -60°C

#### INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

#### PROCEDURE FOR APPLICATION

Product is normally hand applied from the bottle.

#### COMPATIBLE ACCELERATOR/PRIMERS

(Standard Anaerobic Activator) can be used, however it reduces speed of cure to 2 minutes).

#### STORAGE

Store in a cool area out of direct sunlight.

#### HEALTH & SAFETY IN USE

IRRITANT: Contains Methacrylate Esters and some products contain small amounts of Acrylic Acid. Irritates eyes, the respiratory organs and the skin. In case of contact with the skin wash immediately with plenty of water.

Resin	Urethane Acrylate
Colour	Clear - Amber
Cure speed with activator	<1 minute
Cure speed without activator	<10 mins
Viscosity	6,000 - 10,000 cps
Gap fill	0.05 mm preferred
Flash point	>100°C
Shelf life	12 months at 20°C
Max operating temperature	+ 120°C

### CURED PERFORMANCE

Full cure time	24 hours
Tensile strength	15 - 25 N/mm (2)
Static shear strength	10 - 25 N/mm(2)

#### GAP SIZE/CURE RATE RELATIONSHIP

Minimum 0.05mm - Fix <2 mins, Full Cure <6 hours  
Medium 0.25mm - Fix <15 mins, Full Cure <16 hours  
Maximum 0.5mm - Fix <2 hours, Full Cure <36 hours

#### GAP SIZE/STRENGTH RELATIONSHIP

Minimum Gap - 100% Strength Medium Gap - >65% Strength  
Maximum Gap - >45% Strength

#### PRESENTATION

Bottles.....2ml

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.