TECHNICAL DATA SHEET
TDS #: RP 100
CYANOACRYLATE ADHESIVE
REVISED: DECEMBER/2010

ADVANCE PERFORMANCE SERIES
RP 100 CYANOACRYLATE ADHESIVE
GENERAL PURPOSE BONDING

DESCRIPTION:
RP 100 is a medium viscosity, rapid curing, cyanoacrylate adhesive. It is designed to bond a wide range of similar and dissimilar materials. Handling strength in most applications is in 10 seconds.

PHYSICAL PROPERTIES:
Color: Clear
Viscosity: 100 cps
 Specific Gravity: 1.05
Base: Ethyl

PERFORMANCE PROPERTIES:

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Fixture Time</th>
<th>Bond Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
<td>&lt; 20 Seconds</td>
<td>&gt; 2100 psi</td>
</tr>
<tr>
<td>Aluminum</td>
<td>&lt; 15 Seconds</td>
<td>&gt; 1750 psi</td>
</tr>
<tr>
<td>Neoprene</td>
<td>&lt; 5 Seconds</td>
<td>&gt; 750 psi</td>
</tr>
<tr>
<td>ABS</td>
<td>&lt; 10 Seconds</td>
<td>&gt; 900 psi</td>
</tr>
<tr>
<td>PVC</td>
<td>&lt; 5 Seconds</td>
<td>&gt; 900 psi</td>
</tr>
<tr>
<td>Polycarbonate</td>
<td>&lt; 30 Seconds</td>
<td>&gt; 900 psi</td>
</tr>
<tr>
<td>Phenolic</td>
<td>&lt; 10 Seconds</td>
<td>&gt; 850 psi</td>
</tr>
</tbody>
</table>

NOTE: Method used, ISO 4587.

What we bond:
ABS   NBR
Acrylic Neoprene
Aluminum Nitrile
Bakelite Nylon
Brass Phenolic
Chloroprene Polycarbonate
Chrome Polyester
Cooper Polystyrene
EPDM Porcelain
Fiberglass PVC
Latex SBR
Leather Steel
Natural Rubber Valox
Wood

CHEMICAL/SOLVENT RESISTANCE:
% OF STRENGTH RETAINED AFTER AGING FOR 500 HOURS
GASOLINE @ 22°C: 100%
ISOPROPANOL @ 22°C: 100%
ETHANOL @ 22°C: 100%
FREON TA @ 22°C: 100%
MOTOR OIL @ 40°C: 100%
POLYCARBONATE 40°C @ 95% RH 100%

DIRECTIONS FOR USE:
For optimum results parts should be clean and free from any contamination on the bonding surface. If parts do not mate flush together use a higher viscosity product to compensate for the gap. Any excess adhesive can be removed using Remove Debonder.

STORAGE:
Store product in unopened containers, out of direct sunlight, in a dry location. Material should be stored at or below 22°C. For extended shelf life unopened containers of the product may be refrigerated. Shelf life is two years provided product is stored properly.

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