



## Customized Adhesive Solutions

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## NGAC P907-93

## Technical Bulletin

### Optically Clear and Low Viscosity Adhesive

#### **Description:**

NGAC P907-93 is a low viscosity and room temperature curing adhesive specifically formulated for optical, fiber optic and medical applications. It is recommended for adhesive bonding, sealing, potting and coating.

#### **Advantages and Applications:**

Uses include the assembly of optical and medical components including the bonding of prisms and lenses, as well as, medical device assembly.

NGAC P907-93 is a low viscosity mixture that ensures exceptional wicking and wetting, along with superior adhesion strength to glass and plastic.

#### **Properties:**

	<b>Typical Value</b>
Color	Clear
Mixed Viscosity	800-1600 cps
Refractive Index	1.5446
Mix Ratio by Weight (R/H)	100/45
Hardness Shore D	80
Operating Temperature:	-55 to +175°C (up to 250C intermittently)
Glass Transition Temperature	55°C Minimum
Percent Solids	100%
Pot Life	1 Hour

#### **Cure Schedule:**

Temperature	25°C	65°C
Time	24 hours	3 hours

For additional information or assistance, please call  
**978-436-9600**

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.