



# TECHNICAL DATA SHEET

**Noelle Industries, Inc.**

Adhesives • Coatings • Conductives • Encapsulants

## NOELLE 808-46-30 System

### A Two Component Urethane Adhesive

#### **Description:**

Noelle 808-46-30 System is a two component high performance, very flexible, room temperature, urethane adhesive.

#### **Advantages:**

Noelle 808-46-30 System features a ease of mixing and use along with a reasonable working time. Noelle 808-46-30 mixed system features a moderate set up time at temperatures above 20°C. All gel and cure times are directly related to the mass of the material

#### **Applications:**

Noelle 808-46-30 System is widely used in the bonding application of electrical components and modules used in the telecommunication industry.

#### **Physical Properties:**

	<b><u>Curative</u></b>	<b><u>Resin</u></b>
	808-46-30A	808-46-30B
Color:	Light. Amber	Off White
Specific Gravity:	Cured system:	1.11
Mixed Viscosity @ 25° (cP):		20,000
Mix Ratio:		
(By Weight):	57.0	100
(By Volume):	1.00	2.00

#### **Shelf Life:** (Sealed containers)

Six Months @ 25°C (both A+B). Hand agitation of the Resin component is recommended after long standing to insure best results.

#### **Instructions:**

Combine the Curative and Resin in the ratio listed above. Mix by hand or mechanical mixer until material is uniform in appearance.

#### **Cure Schedules:**

Overnight or 16 hours @ 25°C (77°F) will yield 80% of the systems full potential. An additional 80 hours @ 25°C (77°F) will yield the systems full potential.

% Full Cure:	80%	100% <b>or</b>	100%
Cure Temperature:	25°C	25°C	80°C
Cure Time (hours):	16	96	4

**Pot Life** (50 grams) @ 25°C 30 Minutes

#### **Cured Properties:**

Shore Hardness, measured @ 25°C: >35A  
Tensile Strength, ASTM D638 (psi): <1000  
Elongation %: 450

#### **Storage and Handling:**

Normal storage and handling is at room temperature. Use standard mixing and housekeeping procedures to minimize the risk of spills and contact with individuals and the surrounding materials. A required storage temperature 20 to 30°C. Upon opening and using the individual components wipe the rim of the containers and blanket each component with dry air or nitrogen. Reseal containers immediately after blanketing. This is a recommended procedure after each use.

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.

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