



**Noelle Industries, Inc.**  
*Adhesives • Coatings • Conductives • Encapsulants*



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## TECHNICAL DATA SHEET

### NOELLE 805-86-2 System

#### A Two Component Liquid Adhesive

#### **Description:**

Noelle 805-86-2 System is a filled two component (A + B) high performance, room temperature curing liquid adhesive and potting compound.

#### **Advantages:**

Noelle 805-86-2 features a low exotherm in mass and will set up in a moderate period of time.

#### **Physical Properties:**

Resin	Hardener	
	805-86-2A	805-86-2B
Color:	Black	Ivory
Specific Gravity	1.52	1.60
Mix Ratio		
(By Volume)	1.0	1.0
(By Weight)	100.0	100.0

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

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

#### **Instructions:**

Combine the Resin and the Hardener 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 will yield 80% of the systems full potential. An additional 96 hours @ 25°C will yield the systems full potential).

	80%	100%
Cure Temp:	25°F (77°F)	25°C (77°F)
Cure Time:	16 hrs	112 hrs

**Pot Life**(100 grams) @ 25°C (77°F) 75 min

#### **Cured Properties:**

Shore Hardness, measured @ 25°C 84D  
 Operating Temperature Range: -20°C to +100°C

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

Normal storage and handling is at room temperature. Use standard mixing and house keeping procedures to minimize the risk of spills and contact with the surrounding materials.

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.