

**Novagard® 800 Series 800-245  
UV Cure  
Specification Data**



**DESCRIPTION**

Novagard 800 Series 800-245 is a UV cure sealant. This non-corrosive, single-component silicone sealant will cure to a solid rubber upon exposure to ultra-violet light source.

**FEATURES & BENEFITS**

- Exceptionally fast UV cure
- Single component
- Controlled rheology
- Minimal oxygen inhibition
- Room temperature curing
- Solvent-free formulations
- No corrosive by-products

**UV APPLICATION**

All laboratory experiments were conducted using a mercury vapor "H" bulb. To achieve a tack free surface requires 0.30 seconds exposure at 500 mW/cm<sup>2</sup>, or 0.60 seconds at 245 mW/cm<sup>2</sup>. As with any UV curing system, longer exposure times are required for lower intensity lamp conditions.

**AVAILABILITY**

Consult your Novagard sales representative for packaging options and volume requirements.

**STORAGE**

Novagard 800 Series 800-245 may be stored in the original unopened containers at, or below, 80°F for up to twelve (12) months.

**PRECAUTIONS**

Consult and obey all applicable local, state, and federal regulations for disposal of solvent and silicone waste. For additional information consult product S.D.S.

Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides. Not recommended for surfaces that are to be painted.

**PRODUCT SPECIFICATIONS**

Physical Property	Test Method	Performance Range
Appearance		Hazy Viscous Fluid
Viscosity	Brookfield RV #5 @ 20 rpm	2,500 – 6,000 cPs

**TYPICAL PROPERTIES\***

Physical Property	Test Method	Typical Value
Specific Gravity		0.950 – 1.050
Tensile Strength	ASTM D412	30 – 90 psi
Elongation	ASTM D412	100 – 400%
Shore A	ASTM D2240	15 – 25

\* The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. Results are after UV cure.

**ADDITIONAL INFORMATION**

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product, however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.