

Technical Data Sheet ULTRABOND UV SEALANT 786

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Product Description

Hernon[®] UV SEALANT 786 is an EB/UV curable product that provides excellent adhesion to a wide variety of substrates like metals, glass, ceramics and plastics. The sealant offers a water tight seal with excellent environmental and high impact resistance.

Typical Properties (Uncured)

Property	Value
Appearance	Clear to Pale Yellow Liquid
Viscosity @ 25°C, cP	9000 to 15000
UV Tack Free Time, seconds	≤ 5
Hardness, Shore A	45-50
Specific Gravity	1.04
Flash Point	See MSDS

Typical Properties (Cured)

Shear strength, psi

Substrate	Value
Glass to Glass	>= 100
Glass to Steel	>= 100

Storage

UV SEALANT 786 is UV sensitive. Exposure to daylight, UV light and artificial lighting should be kept to a minimum during storage and handling. Product should be dispensed from applicators with black feed lines. 786 can be stored in a dry location in unopened containers at a temperature between 60°F to 90°F (15°C to 32°C) unless otherwise labeled. Material must be mixed prior to use. To prevent contamination of unused material, do not return any material to its original container.

Directions for use

Apply a sufficient amount of material around the area to be sealed. Cure the material with a high intensity UV lamp for 3 – 5 seconds at 365 nm.

Factors Affecting UV Curing

- All UV sources degrade with use. Check output with a radiometer.
- Thicker films require longer cures.
- Light intensity decreases as distance from UV source increases.

- Some clear plastics may contain UV inhibitors.

Cleanup

Uncured UV SEALANT 786 should be cleaned up with acetone if uncured and placed in a closed container for disposal. Small areas can be cleaned up by curing the product prior to disposal by exposing the product to UV cure, light or sunlight. Afterwards the area can be washed with soap and water.

Dispensing Equipment

Hernon[®] offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon[®] Sales** for additional information.

General Information

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

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