

Technical Data Sheet Tuffbond[®] 67011

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Product Description

Hernon[®] Tuffbond[®] 67011 adhesive/sealant is a two component, 100% solid system, two to one ratio, room temperature cure system. Tuffbond[®] 67011 is recommended for bonding metals, wood, ceramics, etc., and can be used for potting and encapsulation of electrical and electronic components.

Typical Applications

- Potting electronic boards
- Encapsulating electrical and electronic components
- Marine coating
- Underwater coating

Product Benefits

- Excellent resistance to organic acids and bases.
- Good mechanical properties.
- Outstanding resistance to abrasion.
- Non-critical mixing.

Typical Properties (Uncured)

Property	Part A	Part B
Base	Epoxy	Amine
Appearance	Clear	Clear
Viscosity at 25°C, cP	3,500 to 4,500	160 to 200
Mix Ratio by Weight	2	1
Specific Gravity	1.15	0.98
Flash Point	See MSDS	See MSDS
Refractive Index	Mixed 2:1	1.470

Typical Properties (Cured)

Property	Value
Working Life at 22°C (20g), minutes	40 to 60
Shear Strength, G/B Steel 24 hr cure	> 3000 psi
Hardness, Shore D, ASTM D2240	80 to 90
Dielectric Strength @ 23C	14.52 Kv/mm
Dielectric Constant @ 1 Hz	1.4
Temperature Range	-40 to 300°F (-40 to 149°C)

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

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

Storage

Tuffbond[®] 67011 should be stored in a cool, dry location in unopened containers at a temperature between 50°F to 85°F (10°C to 30°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

Dispensing Equipment

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

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