

Technical Data Sheet Tuffbond™ 47195

February 2007

Page 1 of 1

Product Description

Hernon® Tuffbond™ 47195 is a low-density, toughened, two-component, room temperature cure system. By changing the ratio of resin and hardener, the cured adhesive can change from a tough and flexible to a hard and rigid system.

Tuffbond™ 47195 is used for potting and bonding metal, glass, wood, concrete, and rubber.

Typical Applications

- Potting
- Bonding
- Coating
- Encapsulating

Product Benefits

- Excellent resistance to organic acids and bases
- Good mechanical properties
- Outstanding resistance to abrasion
- Low temperature cure – Non-critical mixing
- Excellent impact resistance
- Low specific gravity

Typical Properties (Uncured)

Property	Part A	Part B
Base	Epoxy	Amine
Appearance	Off-white	Off-white
Viscosity at 25°C, cP	60,000 to 70,000	80,000 to 90,000
Specific Gravity	0.688	0.595

Typical Properties (Cured)

Property	Value
Mix Ratio by Weight	1:1
Working Life at 22°C (1qt), minutes	40-60
Working Life at 22°C (100g), minutes	80-100
Operating Temp., °F	-65 to 275

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™ 47195 should be stored in a cool, dry location in unopened containers at a temperature between 46°F to 82°F (8°C to 28°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.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. HERNON MANUFACTURING®, INC. shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Hernon's Quality Management System for the design and manufacture of high performance adhesives and sealants is registered to the ISO9001:2000 Quality Standard.