

Technical Data Sheet Tuffbond[®] 23932

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Product Description

Hernon[®] Tuffbond[®] 23932 is a modified epoxy adhesive that provides a slow room temperature cure. Tuffbond[®] 23932 exhibits very good chemical and water resistance. This epoxy adhesive is formulated for multiples uses. Tuffbond[®] 23932 is recommended for bonding metals, rubber, wood, ceramics, etc., and can be used for potting and encapsulation of components.

Typical Applications

- Bonding drain valves
- Bonding wastewater treatment valves
- Potting components

Product Benefits

- Low shrinkage
- 100% reactive, non-solvent system
- Easy mixing ratio of resin and hardener
- No fuming on gelation
- Excellent chemical resistance
- Excellent Water resistance

Typical Properties (Uncured)

Property	Part A	Part B
Base	Epoxy	Amine
Appearance	White	Light amber
Viscosity at 25°C, cP	11,000 to 18,000	3500 to 5,000
Mix Ratio by Weight	1	1
Specific Gravity	1.19	0.99
Flash Point	See MSDS	See MSDS

Typical Properties (Cured)

Property	Value
Working Life at 22°C (20g)	≥ 3 hours
Durometer Hardness, Shore D	55 - 65
Operating Temp., °C (F)	-54 to 93 (-65 to 200)

Typical Cured Performance

Room Temperature Cure

Shear Strength on Steel lap-shear specimens tested according to ASTM D1002.

Cure Time at 22°C	Shear Strength
24 Hours	≥ 1200 psi
Impact Strength 24 hr cure	≥ 5 joules

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Storage

Tuffbond[®] 23932 should be stored in a cool, dry location in unopened containers at a temperature between 45°F to 85°F (7°C to 29°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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