

Advanced Materials**EPIBOND[®] 126-A/B**

EPOXY ADHESIVE

- Room Temperature Cure
- Variable Viscosity
- 100% Solids

DESCRIPTION :

Epibond[®] 126-A/B epoxy adhesive is a clear material designed for bonding unplasticized vinyl to itself or other materials. The epoxy adhesive can perform at temperatures to 200°F (93°C) and cures under contact pressure (1-5 psi/68-340 mbars). Epibond[®] 126-A/B epoxy adhesive is a 100% solids system that can eliminate porosity, softening or blistering. The epoxy can be used for laminating rigid vinyl to all types of backup sheets.

TYPICAL PROPERTIES AS RECEIVED :

<u>Property</u>	<u>126-A Resin</u>	<u>126-B Hardener</u>	<u>126-A/B System</u>	<u>Test Method</u>
Color	Amber	Amber	Amber	Visual
Density, g/cc.	1.16	0.98	1.12	ASTM-D-792
Viscosity, cP at 77°F (25°C)	5000	5000	5000	ASTM-D-2196
Gel time, 100 gms at 77°F (25°C), minutes	--	--	60-90	ASTM-D-2471
Shelf life at 77°F (25°C), unopened, months	6	6	--	--

MIX RATIO :

To 100 parts by weight of Epibond[®] 126-A resin, add 40 parts by weight of Epibond[®] 126-B hardener. Sixty parts by weight of Epibond[®] 126-B hardener will increase bond resilience. For lower viscosity applications, i.e., brush applications, Hardener 9816 (250 cps) may be used with Epibond[®] 126-A resin. (See separate information sheet.)

CURE SCHEDULE :

Eighteen hours at 77°F (25°C), or two to four hours at 160°F (71°C).

TYPICAL CURED PROPERTIES (Not for specification purposes)

<u>Test</u>	<u>Results</u>	<u>Test Method</u>
Tensile lap shear,		
AL/AL, at -67°F (-55°C), psi (MPa)	1950 (13.4)	ASTM-D-1002
at 77°F (25°C), psi (MPa)	2000 (13.8)	--
at 180°F (83°C), psi (MPa)	625 (4.3)	--
ULTEM/DECLAR-T, at 77°F (25°C), psi (MPa)	937 (6.5)	--

**STORAGE/
SHELF LIFE :** Epoxy resins and hardeners should be stored in a dry place in their original, sealed containers at temperatures from 60-100°F (16-38°C). Material temperatures should be above 65°F (18°C) when mixing. After use, tightly reseal containers.

Under these conditions, epoxy resins and hardeners will remain useable for 12 months from date of shipping from Huntsman.

CAUTION :

Huntsman Advanced Materials Americas Inc. maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material. Copies of the latest MSDS may be requested by calling our customer service group at 800-367-8793 or emailing your request to adhesives_group@huntsman.com.

FIRST AID !

Eyes and skin : Flush eyes with water for 15 minutes. Contact a physician if irritation persists. Wash skin thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

Inhalation : Remove subject to fresh air.

Swallowing : Dilute by giving water to drink and contact a physician promptly. Never give anything to drink to an unconscious person.

KEEP OUT OF REACH OF CHILDREN

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