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Product Data

EPOCAST® 169-A Resin Hardener 9615 EPOXY SYNTACTIC

- General Purpose Syntactic
- Low Density
- Sandable, Machinable

DESCRIPTION

Epocast 169-A resin/Hardener 9615 epoxy syntactic is a low-density foam which cures at room temperature to a carvable, wood-like product. The material has good dimensional stability under changing humidity conditions. Epocast 169-A resin/Hardener 9615 epoxy syntactic is qualified to SS-9587, Type 1.

TYPICAL PROPERTIES AS RECEIVED

<u>Property</u>	<u>169-A Resin</u>	<u>9615 Hardener</u>	<u>169-A/9615 System</u>	<u>Test Method</u>
Color	Red-brown	Amber	Red-brown	Visual
Density, g/cc	0.56	0.96	0.68	ASTM-D-1622
Viscosity, cP @ 77°F (25°C)	Paste	35,000	Semi-paste	ASTM-D-2196
Gel time, 100 gms at 77°F (25°C), minutes	--	--	90-120	ASTM-D-2471
Shelf life at 77°F (25°C), unopened, months	12	12	--	--

MIX RATIO

To 100 parts by weight of Epocast 169-A resin, add 50 parts by weight of Hardener 9615. Mix both components thoroughly for 3-5 minutes to insure complete and uniform mixing.

CURE SCHEDULE

24 hours at 75°F ± 5°F (23°C ± 3°C), or room temperature gel plus 2 hours at 150°F ± 10°F (66°C ± 6°C).

TYPICAL CURED PROPERTIES (Not for specification purposes)

<u>Test</u>	<u>Result</u>	<u>Test Method</u>
Compressive strength, psi (MPa)	2,000 (13.8)	ASTM-D-695
Tensile lap shear, AL/AL, psi (MPa)	1,200 (8.3)	ASTM-D-1002

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

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

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