

**Advanced Materials****Ren<sup>®</sup> RP 1135****QUICK SET EPOXY**

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**DESCRIPTION :**

Ren<sup>®</sup> RP 1135 is a liquid two-part epoxy product with a short set time. Low viscosity allows laminating of glass cloth or tape for bonding tubing. This product can also be used for potting drill bushings. A paste consistency can be obtained by adding Ren<sup>®</sup> RP 32 (chopped glass) or Ren<sup>®</sup> RP 35 (cellulose fibers).

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**TYPICAL PROPERTIES :**

Mixing Ratio :	By Weight	Resin/Hardener	100/33
	By Volume	Resin/Hardener	100/40
Pot Life, 14 fluid oz.			7 minutes
Mixed Viscosity			3250 cps
Specific Gravity			1.23
Volumetric weight ratio			22.5 in <sup>3</sup> /lb.
Cured Hardness, Shore D			90

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**HANDLING, SHIPPING AND STORAGE PRECAUTIONS :****RP 1135 Resin**

**WARNING** COMBUSTIBLE. Causes skin and eye irritation. May cause allergic skin and respiratory reaction.

Keep away from heat and flame. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Avoid prolonged or repeated contact with skin. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

**RP 1135 Hardener**

**DANGER** CORROSIVE. Causes skin and eye burns. Harmful if swallowed. May cause allergic skin and respiratory reaction.

Do not get in eyes, on skin, on clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Nuisance dust may be generated when sanding or sawing cured material.

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**FIRST AID :**

In case of contact with :

**Skin** : Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

**Eyes** : Immediately flush with water for at least 15 minutes. Call a physician.

**Ingestion** : If conscious, give plenty of water to drink. Do not induce vomiting. Call a physician.

**Inhalation** : Remove to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician.

**Other** : Referral to physician is recommended if there is any question about the seriousness of any injury.

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**PRECAUTION NOTE :**

Thermosetting systems generate heat when curing. The amount of heat and the period of time in which heat is released vary significantly between systems. Additionally, ambient or compound temperature, amount of material mixed, and construction and shape of the mold or container can also be factors in the temperature profile of a mixed system. In some cases, the thermosetting reaction can be vigorous, generation heat sufficient to cause decomposition of the system with subsequent liberation of large volumes of acrid smoke.

A good rule of thumb is never mix more material than can be applied during the stated pot life or gel time. Also take care when using materials in applications other than stated on the product Data Sheet, i.e., a laminating resin for casting.

Please feel welcome to call our Product Information Department or your local Ren representative for instructions before you start your job.

**Caution** To protect against any potential health risks presented by our products, the use of proper personal protective equipment (PPE) is recommended. Eye and skin protection is normally advised.

Respiratory protection may be needed if mechanical ventilation is not available or is insufficient to remove vapors. For detailed PPE recommendations and exposure control options consult the product MSDS or a Huntsman EHS representative.

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Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent on manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

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