

DEMOLD TIME:**Temperature**
77°F (25°C)**Time**
60 minutes**RECOMMENDED CURE SCHEDULE:****Temperature**
77°F (25°C)**Time**
7 days**TYPICAL CURED PROPERTIES:**

Property	ASTM Test Method	Test Value ⁽²⁾
Hardness, Shore A	D-2240	62
Ultimate Tensile Strength, psi	D-638	1,216
% Elongation	D-638	35

⁽²⁾ Cured 7 days @ 77°F (25°C). Tested @ 77°F (25°C) unless otherwise noted.**PACKAGING:**

<u>Unit</u>	<u>System</u>	<u>Weight</u>
A package		12 lb.
5 gallon	<i>Resin</i>	42 lb.
5 gallon	<i>Hardener</i>	21 lb.
Drum	<i>Resin</i>	235 lb.
Drum	<i>Hardener</i>	470 lb.

Please call Customer Service (800) 367-8793 for price and availability.

STORAGE: Store at 70-90°F. This product is moisture-sensitive and packaged under a blanket of dry nitrogen. Maintain factory seal. After use, re-blanket with dry nitrogen and tightly reseal.**CONDITIONING:****Resin**

If crust has formed, product is no longer usable. Refer to MSDS for proper disposal.

Hardener

Stir well before use. This material will separate.

System

If heating of products in plastic packaging is necessary, heat in a ventilated oven to 145°F maximum. Before heating, loosen the container lid slightly to relieve any pressure buildup and place container to be heated into a metal bucket of sufficient volume to contain the product should the container tip over or leak.

HANDLING: Work in a well ventilated area and use clean, dry tools for mixing and applying. For two component system, combine the resin and hardener according to mix ratio. Mix together thoroughly and use immediately after mixing. Material temperature should not be below 65°F (18°C) when mixing.

SHELF LIFE: Provided materials are stored under the recommended storage conditions in their original containers, they will remain in useable condition for six months from date of shipping.

SAFETY/HANDLING PRECAUTIONS: Do not use or handle this product until the Material Safety Data Sheet has been read and understood.

RP 6481 Resin

WARNING! Harmful if inhaled. Causes skin and eye irritation. Causes allergic skin and respiratory reaction.

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 6481 Hardener

CAUTION! In accord with good industrial practice, handle with due care.

Avoid contact with eyes, skin, and clothing.

Wash thoroughly after handling.

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.

PRECAUTIONARY 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, generating 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.

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