



# Rhino™ 1379 Gel Thixotropic Gel Epoxy Resin

## Data Sheet



ISO 9001:2000  
FM62236

### DESCRIPTION:

Thixotropic, high viscosity, translucent, rigid resin based on Bis-A with low toxicity and odor. 100% solids, no VOCs, and DOT non-regulated.

### SUGGESTED USES:

A specialty resin used primarily as an adhesive where it's thixotropic "gel" consistency is useful. Used with 3179SR2 for bonding rotor blades and other large parts.

### PROPERTIES OF RHINO 1379 Gel EPOXY RESIN (neat):

Viscosity	21,000 – 22,000cps (Thixotropic Paste)
Weight/Gal	9.8 – 9.9lbs
EEW	190 – 193
Color	Milky White Translucent Liquid

### MIXING:

Use and store between 65° – 100°F (product and ambient temperatures), 45°F minimum. Remove surface contaminants such as water, dirt, rust, and petroleum products. Wax or otherwise "release" mold surfaces prior to epoxy application. All Rhino Hardeners are compatible with Rhino 1379 Gel and should be proportioned per the selected Rhino Hardener mix ratio. Mix resin and hardener for 3 – 5 minutes being certain to scrape the mixing container bottom and sides. Mix no more material than can be applied before pot life expiration.

### CURING:

Rhino 1379 Gel curing is determined by the selected Rhino hardener, see the hardener technical data sheet

### SAFETY PRECAUTIONS:

**Health Considerations: Consult the Rhino Linings® Material Safety Data Sheets.**

This chemical system requires the use of proper safety equipment and procedures. Please follow the Rhino Linings® product MSDS and Safety Manual for detailed information and handling guidelines.

#### For Your Protection:

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors. Because of numerous factors affecting results, **Rhino Linings Corporation makes no warranty of any kind, express or implied**, other than that the material conforms to its applicable current Standard Specifications. Rhino Linings Corporation hereby disclaims any and all other warranties, including but not limited to those of merchantability or fitness for a particular purpose. No statements made herein may be construed as a representation or warranty. The liability of Rhino Linings Corporation for any claims arising from or sounding in breach of warranty, negligence, strict liability, or otherwise shall be limited to the purchase price of the material.

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Resin - Rhino™ 1379 Gel



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