



Rhino™ 1318 Epoxy Resin Data Sheet



ISO 9001:2000
FM62236

DESCRIPTION:

Rigid epoxy resin, based on Bis-A. Lowest odor of any epoxy resin type. Ultra low viscosity to fill hairline cracks and voids. When used with Rhino 3163 ultra low viscosity hardener, performs high strength rebonding of concrete cracks. Good Choice for RTM laminates. Moisture insensitive, 100% solids system for use with all commercial 2:1 injection and grouting machinery.

SUGGESTED USES:

Ultra low viscosity crack injection systems. RTM applications. Potential for solvent free penetrating primers.

PROPERTIES OF RHINO 1318 RESIN:

Viscosity:	200 – 250 cps
EEW:	200 – 215
Color:	3 (max)
Weight/Gal:	9.2

MIXING:

Use Rhino 1318 epoxy at the recommended temperature range of 50° – 100° F. Use of Rhino 1318 below 45°F is NOT recommended. All standing water must be removed. Surfaces must be free of contaminants such as dirt, oil or grease. Proportion Rhino resin and hardener in accordance with instructions on hardener label. Recommended hardener is Rhino 3131. Consult manufacturer for use with other hardeners. Mix resin and hardener thoroughly for 3 – 5 minutes being certain to scrape bottom and sides of mixing container. Mix no more material than may be applied in 10 – 15 minutes or before the expiration of pot life of the system, whichever is shorter.

CURING:

Keep application at the recommended use temperature for a minimum of 24 hours. Full properties are developed in 7 days at ambient temperatures. See hardener data for specific cure schedules and properties.

HOW SUPPLIED:

Pails at 45# net, 55 Gallon drums at 500# net. Sold FOB San Diego, CA. DOT - not regulated.

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™ 1318