

Part #41030 Rhino Chrome[™] Isocyanate
Part #41032 Rhino Chrome[™] Resin Black
Part #41034 Rhino Chrome[™] Resin Grey
Part #41031-K Rhino Chrome[™] 2 Gallon Kit

DESCRIPTION

Rhino Chrome[™] is a two component thin film polyaspartic coating, designed to be an abrasion resistant top coat for polyurethane applications.

FEATURES AND BENEFITS

- Provides Tough, Light Stable, Elastomeric Protection From Color Change and Dulling of the Surface
- Shields Rhino Linings[®] Protective Linings Such as HardLine[®], TuffGrip[®], Rhino Hybrid[™] and Rhino Extreme[™] From Color Change
- Aliphatic Excellent Color and Gloss Retention
- Fast Cure High Productivity
- Waterproof Excellent Longevity in Outdoor Exposure

CHEMICAL PROPERTIES*

| | Isocyanate (A) | Resin (B) |
|-----------------------------|-----------------------|------------------|
| Solids by Volume/Weight | 100% | 100% |
| Volatile Organic Compounds | 0 lbs/gal | 0 lbs/gal |
| Mix Ratio, Parts Per Volume | 1 | 1 |
| Color | clear | black, grey |

*Properties were tested at 77°F (25°C).

TYPICAL PHYSICAL PROPERTIES

| | TEST | RESULT |
|---|-------------|---------------------------|
| Hardness (Shore D) | ASTM D-2240 | 85D |
| Tensile Strength (psi) | ASTM D-412 | 2500 |
| Tear Resistance (pli) Die C | ASTM D-624 | 320 |
| Elongation (%) | ASTM D-412 | 50-60 |
| Service Temperature | | -40°F-266°F (-40°C-130°C) |
| Pot Life, Depending on Environmental Conditions | | 20-30 minutes |
| Tack Free | | 60 min |
| Recoat, max | | 1-18 hours |
| Foot Traffic | | 2 hours |
| Incidental Contact | | up to 356°F (180°C) |

FILM THICKNESS RANGE

8-10 mil (0.203-0.254 mm) average

BASE MATERIAL COLORS

Part A Chrome Isocyanate-Clear
 Part B Chrome Resin-Black, Grey

RHINO CHROME™

APPLICATION INSTRUCTIONS

Mix resin Part B thoroughly before mixing with Part A. Create mixed material only when ready to apply. The pot life is between 15-20 minutes at 75°F (24°C) depending on environmental conditions. To achieve slightly more pot life, cool the individual components to 60°F (16°C) before mixing. Mixture can be thinned with acetone or xylene maximum 10%.

HOW SUPPLIED

Rhino Chrome™ is supplied in 2 gallon kits. Each kit consists of 1 gallon of 'A' component and 1 gallon of 'B' component.

STORAGE

Rhino Chrome™ components should be stored in sealed containers at 60-70°F (16-21°C) in a dry area.

SAFETY PRECAUTIONS

Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS).

This chemical system requires the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS 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.

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