



The Chemical Company

Distributed by: BEST MATERIALS LLC, Phoenix AZ  
Ph: 800-474-7570, 602-272-8128 Fx: 602-272-8014  
www.BestMaterials.com Email: Sales@BestMaterials.com

PRODUCT DATA

7 07180

Traffic Coatings

# CONIPUR® 295

100% solids, aliphatic, polyurethane topcoat for the Conipur® II traffic deck coating system

### Description

Conipur® 295 is a high performance, two-component, aliphatic, 100% solids urethane waterproofing membrane designed as a topcoat for the Conipur® II deck coating system.

### Yield

APPROXIMATE COVERAGE RATES\*

MIL THICKNESS	APPROXIMATE COVERAGE
12-15 mils (0.25-0.38 mm)	100-150 sq.ft./gal.

\*NOTE: Coverage may vary with the application technique used. Actual coverage rate and mil thickness depend on substrate porosity and surface profile.

### Packaging

5 gallon unit (18.9 L) with Part A in a 1 gallon (3.8 L) can and Part B in a 6 gallon (22.7) pail

### Color

Gray and Tan

### Features

- Aliphatic, UV stable
- VOC compliant
- 100% solids
- Excellent chemical resistance

### Benefits

- Provides color stability to exterior deck
- Environmentally responsible
- May be applied near inhabited structures
- Protects against a common parking deck chemicals, including gasoline, diesel fuel, oil, alcohol, ethylene glycol, de-icing salts, bleach and cleaning agents.

### Shelf Life

1 year when properly stored.

### Storage

Store in unopened containers in cool, dry area.

### Where to Use

#### APPLICATION

- Parking decks
- Stadiums
- Balconies
- Plaza decks

#### LOCATION

- Exterior
- Interior

#### SUBSTRATE

- Elevated slabs
- Plywood

### How to Apply

#### Surface Preparation

1. Refer to the Conipur® II data guide.

#### Surface Prestriping and Detailing

1. Refer to the Conipur® II data guide.

#### Mixing

1. Conipur® 295 is a two-component polyurethane product; it requires mixing to ensure consistent curing and uniform color. Mixing is accomplished by pouring the part A component directly into the Part B component and mixing using a jiffy paddle and low speed drill (400 to 600 rpm). Mix components for 2 minutes in provided pail. Pour mixture into similar second pail and mix for an additional 1.5 minutes before proceeding with application.



## Technical Data

### Composition

Conipur® 295 is a two-component, aliphatic, polyurethane product.

### Typical Properties

PROPERTY	METHOD
<b>Solids content</b>	> 98%
<b>Viscosity, cps</b>	3,000 – 4,000
<b>Working time, min*</b>	25 ± 5
<b>Initial cure, hours</b>	4 – 8

\* Tested at 73° F (23° C), 50% relative humidity. Warm temperatures will shorten pot life; plan work accordingly.

### Test Data

PROPERTY	RESULTS	TEST METHODS
<b>Tensile strength, psi (MPa)</b>	2980 (20.6)	ASTM D 412
<b>Elongation, %</b>	375	ASTM D 412
<b>Hardness, Shore D</b>	45	ASTM D 2240
<b>Taber abrasion resistance, mg. lost (CS 17 wheel 1000 g. wt./1000 cycles)</b>	58	ASTM D 4060

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.



### Application Methods

Refer to Conipur Systems data guides.

### For Best Performance

- Conipur® 295 has a very short working time. Once the material has been mixed, the coating must be poured onto the surface and applied immediately.
- Minimum application temperature is 40° F (4° C) and rising.
- Warm temperatures will shorten working time; plan work accordingly.
- Select the proper type and amount of aggregate to achieve desired slip resistance.

- The best method to ensure the proper wet film thickness is the use of a grid system. Divide the surface to be coated into grids and calculate the square footage of each. Refer to the coverage chart to determine the quantity of coating needed for each grid to arrive at the required mil thicknesses.
- Contact Technical Service when substrates are over 90° F (32° C), under 40° F (4° C), or when applying to decks containing between-slab membranes.
- Avoid application of Conipur® 295 traffic deck coatings when inclement weather is present or imminent; to damp, wet or contaminated surfaces; or where chained or metal-studded tires will be used.
- Make certain the most current version of MSDS and product data sheet are being used. Call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.

## Health and Safety

CONIPUR® 295 PART A

### WARNING

Conipur® 295 Part A contains n, n'-diisobutylideneisophoronediamine.

### Risks

May cause skin, eye and respiratory irritation. Prolonged contact may cause dermatitis and allergic responses. Potential skin sensitizer. Ingestion may cause irritation.

### Precautions

Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Keep container closed when not in use. Wash thoroughly after handling. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

### Proposition 65

This product contains no materials listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

### VOC Content

0 g/L or 0 lbs/gal less water and exempt solvents when components are mixed and applied per Manufacturer's instructions.

CONIPUR® 295 PART B

### WARNING

Conipur® 295 Part B contains Butyl benzyl phthalate, Isophorone diisocyanate, Urethane prepolymer.

### Risks

May cause skin, eye and respiratory irritation. Prolonged contact may cause dermatitis and allergic responses. Potential skin sensitizer. Ingestion may cause irritation.

### Precautions

Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Keep container closed when not in use. Wash thoroughly after handling. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

### Proposition 65

This product contains no materials listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

### VOC Content

5 g/L or 0.04 lbs/gal less water and exempt solvents when components are mixed and applied per Manufacturer's instructions.

**For medical emergencies only,  
call ChemTrec (1-800-424-9300).**

**BASF Construction Chemicals, LLC –  
Building Systems**

889 Valley Park Drive  
Shakopee, MN, 55379

[www.BuildingSystems.BASF.com](http://www.BuildingSystems.BASF.com)

**Customer Service** 800-433-9517  
**Technical Service** 800-243-6739



**LIMITED WARRANTY NOTICE** Every reasonable effort is made to apply BASF exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager.

This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF disclaims all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

**For professional use only. Not for sale to or use by the general public.**

Form No. 1400005 3/08  
Printed on recycled paper including 10% post-consumer fiber.

© 2008 BASF  
Printed in U.S.A.