



The Chemical Company

## PRODUCT DATA

# DEGACOAT™ 300, 310

## General purpose underbody/protective coatings

### Description

DegaCoat™ 300 and 310 are non-fibered asphalt emulsions specifically formulated for use as protective underbody coatings which provide excellent corrosion preventative barriers for transport applications.

DegaCoat™ 300 and 310 are fiber-free for application by brush or spray.

### Packaging

DegaCoat™ 300:  
53 gallon (200.6 L) drums  
16 gallon (60.48 L) kegs

DegaCoat™ 310:  
53 gallon (200.6 L) drums  
16 gallon (60.48 L) kegs  
330 gallon (1247 L) totes

### Color

Applies dark brown and dries to a durable matte black finish

### Shelf Life

1 year when properly stored

### Storage

Store in unopened containers in a cool, clean, dry area. Do not allow these materials to freeze in the container; do not store below 35° F (2° C).

### Features

- Anti-corrosion coating
- Nonflammable
- Water clean up
- Fast drying

### Benefits

- Beautifies and protects
- Minimizes fire hazards during application; improves worker safety
- User friendly; enhances production/ process time
- Speeds production

### Where to Use

#### LOCATION

- Truck and trailer
- Bus
- RV
- House/cargo trailers
- Rail cars

#### SUBSTRATE

- Metals
- Aluminum
- Plywood
- OSB
- Can be sprayed over oxidized metals

### How to Apply

#### Surface Preparation

Surface should be free of oil, grease, dirt and loose material.

#### Application

Spray with the proper equipment. Consult the spray equipment manufacturer for more information.

#### UNDERBODY COATING

1. DegaCoat™ 300 and 310 are recommended to be used for corrosion protection on steel surfaces and other metal substrates.

2. DegaCoat™ 300 is designed for spray application using airless equipment. For best results under a wide variety of conditions, a 30:1 or higher ratio pump with a .027 orifice size is recommended. Under limited spray conditions, a 15:1 ratio can be substituted. A heavy film thickness (125 mils wet) can be achieved on vertical surfaces without sagging.

3. DegaCoat™ 310 is designed for spray application using airless equipment. A 15:1 or higher ratio pump with a minimum .023 orifice size is recommended.

### Clean Up

Tools and hands should be cleaned with soap and water before emulsion sets. Dried material can be removed with the appropriate solvent.

### For Best Performance

- Keep from freezing in the container.
- Do not apply at temperatures below 40° F (4° C) or when temperatures are expected to fall to 40° F (4° C) in the next 24 hours.
- Make certain the most current versions of product data sheet and MSDS 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 not for supervising or providing quality control on the jobsite.

Technical Data

Composition

DegaCoat™ 300 and 310 are asphalt-based emulsions.

Compliances

- DegaCoat™ 300 and 310 comply with ASTM D 1187, Type 1, and ASTM D 1227, Type 3, Class I
- DegaCoat™ 300 and 310 comply with ASTM D 1227, Type 2, Class I and ASTM D 1187, Type 1

Test Data

PROPERTY	RESULTS	TEST METHODS
<b>Density</b>		
DegaCoat™ 300, lbs/gal	9.1 – 9.9	Industry Method
DegaCoat™ 310, lbs/gal	9.1 – 9.9	
<b>Solid content</b>		
DegaCoat™ 300, % by weight	55.1	Industry Method
DegaCoat™ 310, % by weight	50.0	
<b>Clay content</b>		
DegaCoat™ 300, % by weight	16.2	Industry Method
DegaCoat™ 310, % by weight	4	
<b>Asphalt content</b>		
DegaCoat™ 300, % by weight	38.9	Industry Method
DegaCoat™ 310, % by weight	46	
<b>Median particle size</b>		
DegaCoat™ 300, μ	15	Industry Method
DegaCoat™ 310, μ	15	
<b>Specific gravity</b>		
DegaCoat™ 300	1.1 – 1.2	Industry Method
DegaCoat™ 310	1.1 – 1.2	
<b>Dry to the touch</b>		
DegaCoat™ 300, hrs	1	Industry Method
DegaCoat™ 310, hrs	1	
<b>Consistency</b>		
DegaCoat™ 300	Semi-paste like	Industry Method
DegaCoat™ 310	Semi-paste like	
<b>Color</b>		
DegaCoat™ 300	Black	Industry Method
DegaCoat™ 310	Black	
<b>Water resistance</b>		ASTM 2939-94
<b>Blistering</b>		
DegaCoat™ 300	None	
DegaCoat™ 310	None	
<b>Reemulsification</b>		
DegaCoat™ 300	Nil	
DegaCoat™ 310	Nil	

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

## Health and Safety

DEGACOAT™ 300

### Caution

DegaCoat™ 300 contains asphalt petroleum.

### Risks

May cause skin, eye or respiratory irritation. Ingestion may cause irritation.

### Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. 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.

Refer to Material Safety Data Sheet (MSDS) for further information.

### Proposition 65

This product contains materials listed by the state of California as known to cause cancer and birth defects or other reproductive harm.

### VOC Content

24 g/L or 0.20 lbs/gal, less water and exempt solvents.

DEGACOAT™ 310

### Caution

DegaCoat™ 310 contains asphalt petroleum and 2-butoxyethanol.

### Risks

May cause skin, eye and respiratory irritation. Ingestion may cause irritation. May be absorbed through skin. Repeated or prolonged exposure increases the risk of absorption. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

### Precautions

Keep container closed. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. 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

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

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