

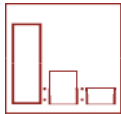
## Desoprime™ 7065 Chromate Free Polyurethane Primer

### Product Description

Desoprime™ 7065 is a high solids, chromate free polyurethane primer designed for use over Desoprime™ CFWP 7530.

- Corrosion inhibitive
- Fast drying
- Chromate free
- Good chemical resistance

### Components



#### Mix Ratio (by volume)

- |                     |         |
|---------------------|---------|
| • 7065 (Base)       | 5 parts |
| • 7065B (Activator) | 2 part  |
| • 7065C (Reducer)   | 1 part  |

### Specifications



7065 is qualified to:

- AMS 3095A

7065 meets the performance requirements of:

- Def Stan 80-225 Primer Type I & II

7065 is compatible with the following topcoat specifications:

- BAMS 565-009
- MEP 10-069

*Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information.*

### Surface Preparation



Ensure the Desoprime™ CFWP 7530 surface to be primed is clean, dry and intact. Remove any contaminates, DeSoto® CN13 solvent cleaner is recommended if any surface contamination occurs after 7530 application.

# Desoprime™ 7065 Chromate Free Polyurethane Primer

## Instructions for Use



Mechanically shake base (up to 5 minutes depending on equipment) until all components are uniformly mixed. Add activator to base material and mix thoroughly. Add reducer while stirring. Maintain constant agitation of mixed product during application.

*Note: All products and components should be placed in ambient conditions of 15-30°C (59-86°F) for at least 24 hours prior to mixing and application.*



### **Induction Time:**

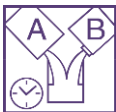
Not required



### **Viscosity:** ( 23°C/73°F)

- |            |                 |
|------------|-----------------|
| • AFNOR4   | 16 - 20 seconds |
| • BSB3     | 30 - 40 seconds |
| • AFNOR2.5 | 56 - 80 seconds |
| • FORD4    | 15 - 19 seconds |
| • ISO4     | 22 - 38 seconds |
| • ZAHN2    | 20 - 25 seconds |

*Note: Viscosities quoted are typical ranges obtained when using specified mix ratio.*



### **Pot Life:**

2 hours @ 21 - 25°C (70 - 77°F)

## Application Guidelines

### **Recommended Application Conditions:**

Temperature	15 - 30°C (59 - 86°F)
Relative Humidity	30 - 75%

### **Application:**

Apply one even cross coat to achieve the recommended dry film thickness of 20 - 30 µm



### **Theoretical Coverage:** (ready for use)

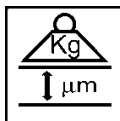
25 m<sup>2</sup>/Lt @ 25 µm dry film thickness  
1000 ft<sup>2</sup>/US gal @ 1 mil dry film thickness

### **Recommended Dry Film Thickness:**

20 - 30 µm

# Desoprime™ 7065 Chromate Free Polyurethane Primer

0.8 - 1.2 (mil)



## Dry Film Density:

1.6 g/cm<sup>3</sup>  
13.5 lbs/US gal

## Dry Film Weight:

40 g/m<sup>2</sup> @ 25 µm dry film thickness  
0.008 lbs/ft<sup>2</sup> @ 1 mil dry film thickness

*Note: These application guidelines represent PPG's best advice for usage in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.*

## Equipment:



Equipment Type	Tip Size	Paint Pressure	Fluid Rate	Air Pressure
Conventional Spray Gun	1.5 mm			44 to 72 psi (3 to 5 bar)
Air Assisted Airless	611 to 613	870 to 1450 psi (60 to 100 bar)	480 ml/min	44 to 58 psi (3 to 4 bar)
Low Pressure Electrostatic Pro XS4 or XS3	1.2 mm		320 ml/min	73 psi (5 bar)

## Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. DeSoto® CN20, CN44 or Desoclean™ 45 solvent cleaners are recommended.

## Physical Properties



**Colour:**  
Light grey



**Gloss:**  
<20 units with a 60° gloss meter

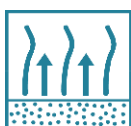
# Desoprime™ 7065 Chromate Free Polyurethane Primer



Drying Times 50 % R.H.	23°C (73°F)
Dust Free	1 hour
Dry to Tape	2 hours
Dry to Sand	3 hours
Dry to Overcoat	2 hours (min.) 72 hours (max.) *
Full Cure	7 days

\* Refer to 7065 Application Guide for use with 8360 Topcoat.

*Note: Drying times listed above are dependent upon film thickness applied, air flow conditions and application technique.*



## Flash Off Time:

Not Applicable



## VOC: (ASTM)

Mixed ready for use	≤350 g/Lt
7065 Base Component	300 g/Lt
7065B Activator	250 g/Lt
7065C Reducer	790 g/Lt



## Flash Point:

7065 Base Component	38°C (100°F)
7065B Activator	25°C (77°F)
7065C Reducer	33°C (91°F)

## Shelf Life:

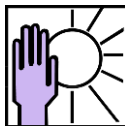
7065 Base Component	24 months in original unopened container
7065B Activator	24 months in original unopened container
7065C Reducer	24 months in original unopened container

*Note: Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.*

*Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.*

# Desoprime™ 7065 Chromate Free Polyurethane Primer

## Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 5°C to 35°C (41°F to 95°F) to ensure shelf life.

*Note: When procuring to a qualified material specification, follow those storage instructions.*

# Desoprime™ 7065 Chromate Free Polyurethane Primer

## Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only. Keep away from children.**

**Additional information can be found at: [www.ppgaerospace.com](http://www.ppgaerospace.com)**

**For sales and ordering information call the local PPG office at the numbers listed below:**

### **Asia Pacific**

#### **ASC – Australia**

Tel 61 (3) 9335 1557  
Fax 61 (3) 9335 3490

#### **ASC – Japan**

Tel 81 561 35 5200  
Fax 81 561 35 5201

#### **ASC – South East Asia**

Tel 65 6861 1119  
Fax 65 6861 6162

#### **ASC – Suzhou**

Tel (86-512) 6661 5858  
Fax (86-512) 6661 6868

#### **ASC – Tianjin**

Tel (86-022) 2482 8625  
Fax (86-022) 2482 8600

### **Europe and Middle East**

#### **ASC – Central Europe**

Tel 49 (40) 742 193 10  
Fax 49 (40) 742 139 69

#### **ASC – Middle East & India**

Tel (971) 4 883 9666  
Fax (971) 4 883 9665

#### **ASC – North Europe**

Tel 44 (0) 1388 770222  
Fax 44 (0) 1388 770288

#### **ASC - South Europe**

Tel 33 (0) 235 53 43 71  
Fax 33 (0) 235 53 54 44

### **Americas**

1 (818) 362-6711 or 1-800-AEROMIX

**Desoclean, Desothane, Desoprime and DeSoto are trademarks of PRC-DeSoto International, Inc.**

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

*This document has been reviewed by the PPG Aerospace Export Control Department and has been determined to contain only EAR99 controlled data*

PPG Aerospace  
Sealants and Coatings  
Darlington Road  
Shildon, Co Durham UK  
DL4 2QP

[www.ppgaerospace.com](http://www.ppgaerospace.com)

Issue Date: 03/22  
Lit: 4290