

5467/0000 PU66 Pore Filler

TECHNICAL DATA SHEET

Product Description

5467/000 is a two component, polyurethane, sandable pore filler for aerospace application. 5467/0000 is designed to fill pores in composite without leaving additional films on the substrate.

- Excellent flexibility & hardness
- Low density
- Resistant to hydraulic fluids

Components



Mix Ratio (by volume)

- | | |
|------------------------|--|
| • 5467/0000 (Base) | 4 parts |
| • 0735/9000 (Hardener) | 1 part |
| • 0491/9000 (Thinner) | as required (for specific application) |

Specifications



5467/000 is qualified to:

- ASNA 4249
- HMRC0063

Product Compatibility

5467/000 is compatible with primers to the following specifications:

- | | |
|------------------|------------------|
| • AIMS 04-04-005 | • HMD C004 |
| • AIMS 04-04-012 | • RPS 611 |
| • ASNA 4248 | • TN-A-007-10106 |
| • ASNA 4251 | • WL5.7030 |
| • BLGG 140101 | • WL5.7140 |
| • BLGG 900101 | |
| • DHS 186-111 | |

5467/000 meets the performance requirements of:

- AIMS 04-04-011

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

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Surface Preparation and Pretreatment



Ensure surface is clean, dry and intact using a high performance solvent cleaner. DeSoto® CN20 and Desoclean™ 45 solvent cleaners are recommended.

Instructions for Use



Thoroughly stir the base component until a smooth uniform mix is obtained. Slowly add hardener to base while stirring. Then if required add thinner while continuing to stir.

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.



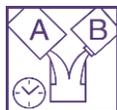
Induction Time:

Not required



Viscosity: (23°C/73°F)

Thixotropic



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 - 80%

Application:

Application depends on surface defects.



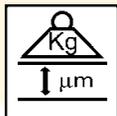
Theoretical Coverage: (ready for use unthinned)

2 m²/Lt @ 350 µm dry film thickness
80 ft²/US gal @ 14 mil dry film thickness

Recommended Dry Film Thickness:

100 - 500 µm
4 - 20 mil

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Dry Film Density:

1.62 g/cm³
13.6 lbs/US gal

Dry Film Weight:

569 g/m² @ 350 µm dry film thickness
0.11 lbs/ft² @ 14 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 (mm)	Pressure
Conventional Spray Gun Iwata Type	1.5 to 1.8	44 to 72 psi (3 to 5 bar)
Low Pressure Gun Devilbliss Type	1.5	29 psi (2 bar)

5467/000 can also be applied by knife or spatula without the addition of thinner.



Equipment Cleaning:

Clean equipment before use and as soon as possible after use. DeSoto® CN20 or CN44 solvent cleaners are recommended.

Physical Properties



Colour:

White



Gloss:

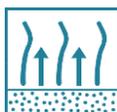
Not applicable

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Drying Times 50% Relative Humidity	23°C (73°F)	60°C (140°F)
Dust Free	30 minutes to 1 hour	
Dry to Handle	3 hours	
Dry to Tape	6 to 8 hours	
Dry to Overcoat	1 to 72 hours	30 minutes
Dry to Sand	10 to 12 hours	
Full Cure	7 to 9 days	4 hours

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



Flash Off Time:

30 minutes prior to force drying



VOC: (ASTM)

Mixed (unthinned)	177 g/Lt
5467/0000 Base Component	221 g/Lt
0735/9000 Activator	0 g/Lt
0491/9000 Thinner	840 g/Lt



Flash Point:

5467/0000 Base Component	25°C (77°F)
0735/9000 Activator	166°C (330°F)
0491/9000 Thinner	-3°C (27°F)

Shelf Life:

5467/0000 Base Component	24 months in original unopened container
0735/9000 Activator	24 months in original unopened container
0491/9000 Thinner	10 years 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.



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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.



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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

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

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Tel 61 (3) 9335 1557
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