

N58479/T508 Polyester Filler

Product Description

N58479/T508 is a two component polyester based filler for direct application to metal and composite substrates, for filling of holes and surface imperfections.

- High viscosity
- Excellent sandability
- Ambient curing
- Long pot life enables filling of large areas using a single mix

Components



Mix Ratio (by weight)

- | | |
|-------------------------|-----------|
| • N58479 (Base) | 100 parts |
| • N59029NV-3 (Hardener) | 1.5 part |

Specifications



N58479/T508 is qualified to the following specifications:

- DAN 1090
- ECS 2202

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

Surface Preparation and Pretreatment



Ensure surface is clean, dry and intact, using a high performance cleaner, DeSoto® CN20 or Desoclean™ 45 solvent cleaners are recommended. Maximum adhesion is achieved on well abraded surfaces such as metal, wood and glass fibre reinforced polyester.

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Instructions for Use



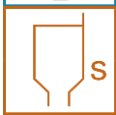
Before adding the hardener to the base, thoroughly stir or shake the base component until a smooth uniform mix is obtained. Immediately after adding the hardener to the base, stir thoroughly until uniform.

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.



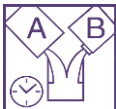
Induction Time:

Not applicable



Viscosity: (23°C/73°F)

Not applicable - Product supplied in the form of a paste



Pot Life:

30 minutes maximum @ 23±2°C (70-77°F)

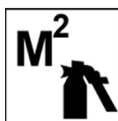
Application Guidelines

Recommended Application Conditions:

Temperature	15-35°C (59-95°F)
Relative Humidity	30-85%

Application:

Apply as required using a filler knife or spatula

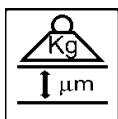


Theoretical Coverage: (ready for use)

8 m²/Lt @ 100µm dry film thickness
320 ft²/US gal @ 4 mil dry film thickness

Recommended Dry Film Thickness:

Up to 100µm
4 mil



Dry Film Density:

1.8g/cm³
15lbs/US gal

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Dry Film Weight:

210 g/m² @ 100 µm dry film thickness

8400 lbs/ft² @ 4 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:



Applicable using a filler knife or plastic/rubber spatula

Physical Properties



Colour:

White



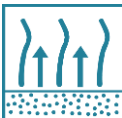
Gloss:

Not applicable



Drying Times	23°C (73°F)
Dry to Sand	1.5 to 2 hours
Dry to Overcoat	2 to 3 hours

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

<250 g/Lt



Flash Point:

N58479 Base Component

31°C (88°F)

N59029NV-3 Hardener

Not Applicable

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Shelf Life:

N58479

9 months in original unopened container

N59029NV-3 Hardener

9 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.

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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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

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