28C1

Technical Data Sheet

Product Group

Pinhole Fillers

Characteristics

Product Information

- Single component high solids compound designed to fill pinholes in glass laminates and pores of open grained woods prior to finishing with epoxy or polyurethane coatings.

- Combines chlorinated resins with selected filler pigments and is packaged in ready to use form.

- Resin content is compatible with most epoxy and polyurethane surfacers and topcoats, and reacts with the applied coating to tightly bind filler particles.

Components

Base	28C1

Specifications

Qualified Product List

Bell Helicopter Textron	299-947-144
Boeing Long Beach	DPM 6432, COMP C
Boeing	BAC 5837
EADS (CASA)	Z-12.140MIL-P-23377 Ty I
LockheedMartinAeronautic	LMA-MV021
McDonnell Douglas	MDM 15-1095
Northrop Grumman	GC146AR1

Product specifications are constantly changing, to ensure the most accurate information regarding specifications, please check our online qualified product list (QPL) at aerospace.akzonobel.com/products.

Surface Conditions

Surface Preparation/ Cleaning

Surface pretreatment is an essential part of the painting process.

Laminates:
Scuff sand with 220 grit or finer sandpaper. Clean thoroughly with a non-residual solvent. Use clean rags. Allow to dry.

Wood:
Clean thoroughly and sand lightly.

Instruction for Use

Initial Spraying Viscosity (25°C/77°F)

Paste consistency.

Note

In an open container, 28C1 will lose solvent to evaporation. The product is unlikely to “skin” but will exhibit a general increase in viscosity over time. Should the product become thicker than desired, add mineral spirits and mix thoroughly as needed or until the desire application viscosity is reached.

Application Recommendations

Conditions

Temperature:	15 – 35 °C 59 – 95 °F
Relative Humidity:	35 – 75 %

Note

The quality of the application of all coatings will be influenced by the spray equipment chosen and the temperature, humidity, and air flow of the paint application area. When applying the product for the first time, it is recommended that test panels be prepared in order to identify the best equipment settings to be used in optimizing the performance and
appearance of the coating.

Equipment Recommendation

Apply using a clean rag.

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Physical Properties

Drying Times	Not Applicable.	
Theoretical Coverage	21.5 m² per liter ready to apply at 25.4 µm dry film thickness. 877 ft² per US gallon ready to apply at 1 mil dry film thickness.	
Dry Film Weight	49.6 g/m² @ 25.4 µm. .0102 lbs./ft² @ 1 mil.	
Volatile Organic Compounds	US guidelines Max 360 g/l Max. 3.0 lbs./gal	
Color	Dries White	
Flash Point	28C1	61°C / 142°F
Storage	Store the product dry and at a temperature between 5 and 38ºC / 41 and 100ºF per AkzoNobel Aerospace Coatings specification. Store in the original unopened containers. Storage temperature may vary per OEM specification requirements. Refer to container label for specific storage life information.	
Shelf life 5 - 38°C (41 - 100°F)	28C1	24 months

Safety Precautions

Comply with all local safety, disposal and transportation regulations. Check the Material Safety Data Sheet (MSDS) and label of the individual products carefully before using the products. The MSDS's are available on request.

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