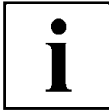


28C1

Technical Data Sheet

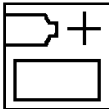
Product Group

Characteristics

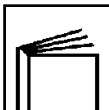


Product Information

Components



Specifications



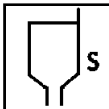
Qualified Product List

Surface Conditions



Surface Preparation/  
Cleaning

Instruction for Use



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



Note

Application  
Recommendations



Conditions



Note



Equipment  
Recommendation

Pinhole Fillers

- 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.

Base	28C1
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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](https://aerospace.akzonobel.com/products).

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.

Paste consistency.

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 desired application viscosity is reached.

Temperature:	15 – 35 °C 59 – 95 °F
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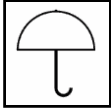
Relative Humidity:	35 – 75 %
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The quality of the application of all coatings will be influenced by the spray equipment chosen and the temperature, humidity, and air flow of the paint application area. When applying the product for the first time, it 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.

Apply using a clean rag.

28C1

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 38°C / 41 and 100°F 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.

Revision date: July 2025 (supersedes May 2025) - FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE

The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given is subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product. Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel