

Ultra Prep Surface Cleaner

Technical Data Sheet

Product Group

Characteristics



Product Information

Cleaning Solvent

AkzoNobel Ultra Prep Surface Cleaner is an easy to use water-based surface cleaner with low VOC content. AkzoNobel Ultra Prep Surface Cleaner is used to ensure removal of all kinds of contamination from the substrate prior to paint application.

Suitable substrates include:

- Steel
- Aircraft composite surfaces
- Zinc Coated Steel
- Bare Aluminum
- Existing finishes sanded and base coat finishes
- Plastic substrates including polyolefin and non-polyolefin plastic

Components



Base	Ultra Prep Surface Cleaner
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Specifications



Qualified Product List

Boeing	BAC 5755
SAE International	AMS 3167

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.

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Surface Conditions



Surface Preparation/
Cleaning

- For existing finishes and maintenance spot repairs, it is recommended to remove all surface contamination from the repair area prior to sanding.
 - Remove loose dust from sanding with a tack rag or blowing with air.
- Surface Cleaning – Prior to Paint Application**
- The purpose of surface cleaning is to remove residual grease, oil, wax, silicones, sand, tape residue etc. If this is not done, residual contaminant will remain on the surface of the base coat or in scratch marks during sanding. If not the base coat or clear coat application could produce de-wetting of the finishes and show as contamination or irregularities in the clear coat causing rejection of the finished layer.
 - Replace cloths being used for cleaning regularly with clean ones. Follow your local and shop procedures for disposing of cleaning rags.
- Tape residue and surface contamination:**
- Once the surface has been cleaned, it should never be touched with the bare hands. Salts, moisture and oils can be transferred to the prepared surface which may result in contamination and final finish problems in the clear coat.
It is particularly important that hand protecting barrier creams never be used near the Aircraft surface that is being refinished.
 - When de-masking the painted surface make sure you check for tape marks and residue that could be on the surface of the base coat. It is important to check the tape lines and pre mask out lines for residue. These areas are prone to de-wetting and sags during the clear coat application if not cleaned properly.
 - When doing the final squeegeeing to the tape lines try not to go over onto the area that is being painted, if you do remember to wipe the painted area to remove the residue moved into the area by the sweeping motion that was used to adhere the tape edge.
 - Always check the gloves that you are using when doing the cleaning process. Some gloves can leave a residue on the surface. Check with the shop supervisor to make sure you are using the right gloves for the job.
- Notes:**
- With any surface cleaner, it is important to wipe the surface dry to prevent the surface contamination from being left on the surface. Do not allow the surface cleaner to evaporate on the substrate or the contamination on the surface could remain.
 - Do not use any colored cloths as the cleaner will remove the dye from the cloth and may cause surface contamination.
Clean white wiping clothes are preferred
 - Consider using two cloths, as one cloth may merely shift rather than remove dirt and grease.

Instruction for Use



Spray Application (Mix Ratio)

	Volume
Ultra Prep Surface Cleaner	1 part

- Wet the surface with one of two methods:
- Method 1 - wet a cloth with Ultra Prep, wipe the surface wet, then wipe dry with a dry cloth
 - Method 2 - mist Ultra Prep on to the surface with a spray bottle and wipe until dry

Application Recommendations



Conditions

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



Note

AkzoNobel Ultra Prep Surface Cleaner may be applied in conditions outside the limits shown above. Care must be exercised to ensure a satisfactory result. Please contact your local AkzoNobel Aerospace Coatings representative to determine the appropriate application techniques when environmental conditions fall outside of the recommended range.

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Physical Properties

	Volatile Organic Compounds	The VOC content of this product in ready to use form is 8 g/L (0.07 lbs/gal).	
	Flash Point	Ultra Prep Surface Cleaner	100°C / 212°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 and shelf life may vary per OEM specification requirements. Refer to container label for specific storage life information.	
	Shelf life 5 - 38°C (41 - 100°F)	Ultra Prep Surface Cleaner	12 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 2026 (Supersedes November 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