



Product Group

Spot Repair Agent

Characteristics



Product
Information

SRA 9009 is designed to ease the spot repairs. The use of SRA 9009 helps to deliver quality repairs by lowering the coating surface tension and thinning paint, resulting in an enhance overspray acceptance and atomization.

SRA 9009 is OEM approved for its use with Aerobase / Aviox Clearcoat UVR and Aeroflex HS 113F02.

SRA 9009 can be used with other Polyurethane top coats like Aviox® Finish Aerodur 3001/ Aerodur 3002, without the necessity of masking out large skin areas, whilst still achieving even gloss over the repair area.

Components



Hardener
Thinner or
Activator

SRA 9009

Specifications



Qualified
Product List

AIMS.04.04.033
AIMS.04.04.037
AIMS.04.04.034
AIMS.04.04.025

For most recent up-date or missing specifications please check the qualified product list (QPL) on www.akzonobel.com/aerospace

Surface Conditions



Cleaning

- Sand the defects Grade 320 –400
- Clean and tack rag the area
- Prime the defect if necessary
- Respect the minimum recoatable time of the relevant primer
- Sand down the primer grade 400, clean it and tack rag it
- To obtain good adhesion, polish the surrounded area using 3M 09375 Fine or equivalent.
- Degrease the whole panel by wiping on-wiping off with M600-M700 or equivalent.

Instruction for Use



Mixing Ratio
(volume)

MIX 1	Mix MIX1 according to the technical Data Sheet of the Polyurethane topcoat, depending on the finish to be repaired.	
MIX 2	MIX 1:	50 parts
	SRA 9009	50 parts
MIX 3	MIX 2:	50 parts
	SRA 9009	50 parts
OR		
MIX 3	MIX 1:	25 parts
	SRA 9009	75 parts



Initial Spraying
Viscosity
(21°C/70°F)

For mixture **MIX1**: See Technical Data Sheet of the Polyurethane topcoat, depending on the finish to be repaired.



Pot life
(21°C/70°F)

See Technical Data Sheet of the Polyurethane topcoat, depending on the finish to be repaired.

Application Recommendations



Conditions

Temperature 15-35°C
Humidity 35-75% RH



Equipment

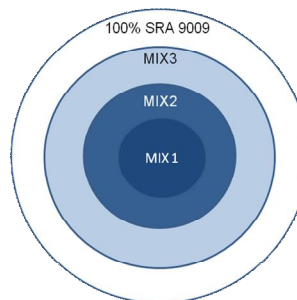
HVLP

- 1.0-1.4 mm nozzle orifice
- Air Pressure < 1.5 bars
- It is advice to reduce the pattern width for proper atomization.



Number of
Coats

Method of Application:



- Apply one layer of **MIX 1**, on the spot to be repaired.
- Apply successfully **MIX 2**, **MIX 3**, mainly on the wet overspray area from the previous coat.
- Dissolve the final overspray by applying **100% SRA 9009**. Apply mainly on the wet overspray from the previous layer. Respect at least 30 sec flash off between each layer of SRA 9009.

Recommendation:

- Do not apply on the total repair area but mainly on the wet overspray area from the previous layer.
- While applying MIX 1, MIX 2 and MIX 3, it is advised to apply outside-in and reduce the air pressure.
- Reduce the width of the pattern for proper atomization.



Note

While repairing Aviox[®] Finish 77702 in grey color (BAC707;M9001 e.g)
A mist coat of Aviox[®] Clearcoat UVR might be necessary before the
application of MIX1 on the spot to repair, to avoid color mismatch.



Note

Practice and experience are key for a successful repair. Care must be
exercised to ensure satisfactory results. Please contact your local
AkzoNobel Aerospace Coatings representative to determine the proper
application techniques



Polishing

After curing, remove the remaining haze, if necessary, using the 3M
polishing system (or from another polishing manufacturer) and polish
widely around the whole spot to get an even homogeneous gloss.



Cleaning of
Equipment

Solvent Cleaning C 28/15 or Solvent Cleaning 98068



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.

Physical Properties



Drying Times
(21°C/70°F)

See Technical Data Sheet of Aviox[®] Finish 77702, or Aviox[®] Clearcoat
UVR or Aeroflex[®] HS 113F02.



Theoretical
Coverage

See Technical Data Sheet of Aviox[®] Finish 77702, or Aviox[®] Clearcoat
UVR or Aeroflex[®] HS 113F02.



Color

Identical to the Finish



Flash-point

SRA 9009

<21°C / 70°F



Storage

Store the product dry and at a temperature between 5 and 38°C / 41 and
100°F. Stored in the original unopened containers.
SRA 9009 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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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.

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