



Primer PO Including Aerosol Application

Primer

08/08/2016

FOR PROFESSIONAL USE ONLY

Description

Primer PO is a fast drying, transparent, adhesion primer. Specially designed for flexible plastic car parts manufactured from, polyolefin, polypropylene and ethylene propylene modified. Primer PO should be used only on those plastic parts that have no existing primer or other coating applied. This product is available in a can as well as an aerosol version.

Blending Application

	Safety Considerations Use suitable personal protection. AkzoNobel recommends the use of a fresh air supply respirator. Refer to the product Safety Data Sheet (SDS) for more complete safety information.	
	Mixing	Product is supplied ready to use.
	HVLP or Compliant Spray-Gun Set-Up:	Application Air Pressure:
	1.3-1.5 mm	HVLP – 10 psi at the air cap maximum.
	Application Apply 1-2 thin closed coats over the prepared plastic substrate. Please reference the Plastic Identification TDS for details.	
	Flash at 70°F (21°C) 2-3 minutes	
	Non Sanding Air Dry at 70°F (21°C) 5-10 minutes at 70°F (21°C)	
	Apply sealer or basecoat.	



North America

Technical Data Sheet


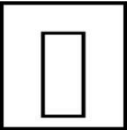

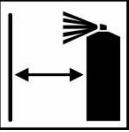

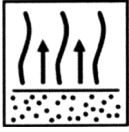



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Aerosol Application

	Safety Considerations Use suitable personal protection. AkzoNobel recommends the use of a fresh air supply respirator. Refer to the product Safety Data Sheet (SDS) for more complete safety information.
	Primer PO Aerosol Ready to use
	Shake can before use
	Application distance of approximately 3-5 inches (7-13 cm)
	Apply 1-2 thin closed coats over entire plastic repair area.
	Flash Between Coats at 70°F (21°C) 2-5 minutes
	After application, invert the aerosol and depress the nozzle after use. This allows the propellant to clean the nozzle.
	Non Sanding Air Dry at 70°F (21°C) 5-10 minutes at 70°F (21°C)
	Apply sealer or basecoat.

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Suitable Substrates

- PO = Polyolefin
- PE = Polyethylene
- TPO = Thermoplastic Poly
- PP = Polypropylene
- PP/EPDM = Polypropylene/Ethylene propylene diene modified
- PP/EPM = Polypropylene/Ethylene propylene modified

Note: Primer PO should not be applied to previously finished (coated) plastic parts.


Products and Additives

Product	Primer PO	Item #387005
	Primer PO Aerosol	Item #387016

Basic Raw Materials

- Special polyester resins

Spray Gun Set-Up

	Consult spray gun manufactures instructions for specific spray gun pressure specifications.		
	Spray Gun	Fluid Tip	Application Pressure
	HVLP Gravity Fed	1.3-1.5mm	Max 10 psi
	Compliant Gravity Fed	1.3-1.4mm	40-50 psi

Surface Preparation

Degrease with Sikkens Anti-Static Surface Cleaner or Auto Prep UltraPrep Surface Cleaner. In areas where VOC emissions regulations apply use Auto Prep UltraPrep Surface Cleaner only. Thoroughly abrade substrate with grey scuffing pad and Sikkens Plastic Fix. Thoroughly rinse with clean water. Degrease again with Sikkens Anti-Static Cleaner or Ultra Prep Surface Cleaner. Please refer to TDS Plastics Identification.

When degreasing and cleaning unpainted plastic parts, allow the part to dry out for 20-30 minutes after the application of surface cleaner and before the application of Primer PO.



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Spray 1 to 2 thin closed coats. If two coats are applied, allow 2-5 minutes flash-off time between coats. Allow this to set for 5 to 10 minutes and proceed with sealer and/or topcoat.

Cleaning of Equipment



Clean equipment following local and federal regulations.

Recoatability

Without sanding, Primer PO can be recoated after 5–10 minutes flash-off at 70°F (21°C) with Colorbuild Plus, Autosurfacers 2+1 HS, High Build Surfacer, Autosurfacers Rapid, Autosurfacers UV Aerosol, Autosealer WB or Autobase® Plus. When using these products, please see the TDS relative to the product chosen.

Note: After 16 hours at 70°F (21°C), abrade with grey scuffing pad and reapply Primer PO.

VOC / Regulatory Information


Primer PO: 7.0 lbs/gal (840 g/L)

Product Storage

Stock unopened or used products in approved closed containers with proper labeling. Store in moderate temperatures between 40°F - 95°F (5°C – 35°C). Avoid too much temperature fluctuation. Optimum storage temperature is approximately 70°F (21°C).

Primer PO	2 years
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Primer PO Aerosol	2 years
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AkzoNobel 1845 Maxwell Street – Troy, MI USA

Telephone: 800.618.1010

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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 advices given are 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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Head Office

AkzoNobel B.V., PO Box 3 2170 BA Sassenheim, The Netherlands. www.sikkenscr.com