

Technical Data Sheet

Electronic & Engineering Materials

CONAP[®] AD-1161

Adhesive Primer

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CONAP® AD-1161

Product Description

CONAP® AD-1161 is a solvent-borne primer for bonding liquid polyurethanes to polyvinylchloride (PVC) substrates during the curing process.

Areas of Application

Primer for use with polyurethane systems meeting the requirements of MIL-M-24041.

Features and Benefits

- QPL listed – MIL-M-24041 Category B, Type I
- Meets the requirements of MIL-P-46067A and MSFC-SPEC-292A
- Excellent resistance to hydrolysis and environmental extremes
- Peel strengths of 30 pounds per inch width when used with CONATHANE® EN-1554 and CONATHANE® EN-1556.

Application Methods

- Brush
- Spray
- Roller

Transportation / Storage

Store at or below 25°C / 77°F in a dry controlled environment out of direct sunlight. This material should be suitable for use stored under these conditions in the original sealed containers for twelve (12) months from the date of shipment.

Keep containers tightly sealed to minimize evaporation.

Mix product thoroughly before use.

Failure to store the product as recommended above may lead to deterioration in product performance.

Health / Safety

Refer to the Safety Data Sheet.

Typical Properties of Material as Supplied

Property	Conditions	Value	Units
Appearance		light amber	
Viscosity	25°C / 77°F	80	cP
Solids Content		20	%
Adjustment Solvent		methyl ethyl ketone (MEK)	
Weight per Gallon	25°C / 77°F	7.3	pounds
Flash Point	ASTM D93	-9 15	°C °F

Application

The PVC surface should be dry, free of dirt, grease, oil and mold release agents.

Prepare the PVC surface by treating it with MEK solvent until tacky. Apply a thin, uniform coat of CONAP® AD-1161 Adhesive Primer to the tackified surface. Allow the primer to air dry for 30 minutes at room temperature. Apply polyurethane resin and cure as recommended.

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Regulatory Information

Property	Test Method	Value	Units
Volatile Organic Content	ASTM D3960	5.8	pounds / gallon
RoHS Compliance	CONAP® AD-1161 Adhesive Primer complies with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 (RoHS 2.0) as amended 31 March 2015.		

^[1] VOC test methods and limits vary widely by regulatory jurisdiction and product application. The value above was obtained by curing a thin film under specific laboratory conditions (0.5 grams - 1 hour - 110°C). Contact your ELANTAS PDG representative regarding alternate methods.

The above properties are typical values and are not intended for specification use.

ELANTAS PDG, Inc. warrants the chemical composition of its products within stated tolerances, but does not guarantee that a product will be appropriate for any particular application. Any recommendation, performance of tests or suggestion is offered merely as a guide and is not a substitute for a thorough evaluation by the user. No representative of ELANTAS PDG, Inc. has the authority to offer a warranty that a product will perform satisfactorily in manufacturing an article and no such representation should be relied upon.

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