

CONAP® AD-1161

CONAP AD-1161 is a single-component primer formulated for use in bonding polyurethanes to polyvinyl chloride (PVC) during the process of curing the polyurethane. It is primarily intended for use with polyurethane systems that meet the requirements of MIL-M-24041, MIL-P-46076A, and MSFC-SPEC-292A. Peel strengths of 30 pounds per inch of width are obtained consistently with CONATHANE® EN-1554 and CONATHANE® EN-1556.

TYPICAL PRODUCT CHARACTERISTICS

Color	Light Amber
Brookfield Viscosity, cps @ 25°C	80
Specific Gravity @ 25°C	0.881
Weight Per Gallon, lbs	7.3
Solids Content, %	20
Solvent	Methyl Ethyl Ketone (MEK)
Shelf Life (from date of manufacture)	15 months

RECOMMENDED PROCESSING PARAMETERS

To obtain satisfactory adhesion of the polyurethane elastomer, it must be applied only to dry surfaces that are free of dirt, grease, oil, and mold release agents and properly primed with AD-1161 as recommended herein:

1. The PVC surfaces should be made tacky with MEK.
2. Apply a thin, uniform coat of AD-1161 to the tackified surface.
3. Air dry AD-1161 primer for 30 minutes at room temperature.
4. Apply the polyurethane elastomer and cure as recommended.

NOTE: There are many grades of PVC - each grade should be thoroughly evaluated before authorization for product use.

HANDLING AND STORAGE

CONAP AD-1161 will not separate in storage and does not require agitation prior to use. Containers should be kept tightly closed when not in use because the solvent will evaporate and cause application difficulties.

CAUTION: MEK solvent contained in CONAP AD-1161 is a volatile solvent and must be kept away from flames. It should only be used in areas provided with good ventilation. Avoid skin contact and inhalation of solvent vapors.

AD-1161 should be stored at temperatures below 80°F.

AVAILABILITY

CONAP AD-1161 is available in gallon and 5-gallon containers.

An EVALUATION KIT is available for a nominal charge.

CAUTION

Responsible handling of Cytec products requires a thorough preview of safety, health, and environmental issues prior to use. Review the Material Safety Data Sheets(s) for the specific Cytec product(s) and container label information before opening containers. Ensure that employee exposure issues are understood, communicated to all workers, and controls are in place to prevent exposures above Permissible Exposure Limits (P.E.L.'s). Review safety and environmental issues to be certain controls are in place to prevent injury to employees, the community, or the environment, and ensure compliance with all applicable Federal, State, and Local laws and regulations. For assistance in this review process, please call your Cytec representative or our office noted below.

www.cytec.com/conap

• Email: custinfo@cytec.com Worldwide Contact Info: www.cytec.com/conap Tel: 716.372.9650 Fax: 716.372.1594 •