

# Conformal Coatings

## Adhesives & Sealants

Product	Description
<b>CONAPOXY® AD-10</b>	<b>CONAPOXY® AD-10</b> is a unique single component epoxy that may be used as a structural adhesive or miniature electronic potting compound. The heat-cure formulation was designed for rapid cure at temperatures as low as 200°F, yet it exhibits good storage life at room temperature. Good dielectric properties and thermal stability make this epoxy ideal for electrical applications up to 150°C.
<b>CONAP® AD-1146 , AD-1147, CONAP® AD-1146 and AD-1147</b> are high strength adhesives for bonding <b>AD-1146-C and AD-1147-C</b>	liquid urethanes to various substrates during the curing process. These systems are a stable solution of polymers in a solvent blend which requires heat to effect cure. An extensive evaluation program has shown AD-1146 and AD-1147 to be capable of bonding an exceptional variety of inorganic and organic materials together. Bonds to aluminum alloys, magnesium, iron, steel, glass, glass-fiber laminates, wood, and leather have high strength and excellent resistance to hydrolysis and environmental extremes. CONAP® AD-1146-C and AD-1147-C are based on the same formulation as CONAP® AD-1146, with lower solids content and lower viscosity. They too offer exceptional peel strength values, however, AD-1146-C and AD-1147-C require two coats for optimum strength.
<b>CONAP® AD-1161</b>	<b>CONAP® AD-1161</b> 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 <b>CONATHANE® EN-1554</b> and <b>CONATHANE® EN-1556</b> .
<b>CONAP® PR-1167</b>	<b>CONAP® PR-1167</b> is a single component primer formulated for use in bonding liquid polyurethane molding and potting compounds to substrates such as cured or liquid polyurethanes, neoprene rubber and cadmium plated metals, to name a few.

## Filtration Adhesives / Sealants

Product	Description
<b>CONATHANE® FP-1301</b>	<b>CONATHANE® FP-1301</b> is an unfilled two-component urethane system designed for use as a sealant.
<b>CONATHANE® FP-1302</b>	<b>CONATHANE® FP-1302</b> is a two-component, room temperature curing flexible polyurethane elastomer system.
<b>CONATHANE® FP-1303</b>	<b>CONATHANE® FP-1303</b> White or Amber is a two-component, unfilled, fast setting polyurethane sealant designed for use in HEPA and other air filtration devices. CONATHANE® FP-1303 is also used for potting, casting, embedding, and encapsulating of electronic circuits,

components, and power devices.

<b>CONATHANE® FP-1304</b>	<b>CONATHANE® FP-1304</b> is a two-component thixotropic urethane system designed for use as a sealant.
<b>CONATHANE® FP-1305</b>	<b>CONATHANE® FP-1305</b> is a two-component, non-TDI, liquid polyurethane casting system produced under very carefully controlled conditions. This elastomeric system features excellent toughness, water resistance, and physical properties.
<b>CONATHANE® FP-1306</b>	<b>CONATHANE® FP-1306</b> is a two-component urethane system designed for use as a sealant.
<b>CONATHANE® FP-1307</b>	<b>CONATHANE® FP-1307</b> is a two-component, unfilled, thixotropic urethane system designed for use as a sealant.

#### **EASYPOXY® Adhesives / Sealants**

<b>Product</b>	<b>Description</b>
<b>EASYPOXY® K-20</b>	<b>EASYPOXY® K-20</b> is a general purpose, two-component, room temperature curing adhesive/sealants that bonds a wide variety of surfaces. K-20 is relatively insensitive to mixing ratios. Since there are no solvents, there is no fire hazard. K-20 is non-toxic when cured and is widely used for bonding, sealing, and repairing metal, wood, rubber, and most plastics.
<b>EASYPOXY® K-22</b>	<b>EASYPOXY® K-22</b> is a general purpose, two-component, room temperature curing adhesive/sealants that bonds a wide variety of surfaces. K-22 is relatively insensitive to mixing ratios. Since there are no solvents, there is no fire hazard. K-22 is non-toxic when cured and is widely used for bonding, sealing, and repairing metal, wood, rubber, and most plastics.
<b>EASYPOXY® K-45</b>	<b>EASYPOXY® K-45</b> is a 100% solids, two-component, paste adhesive, mixed at a 1 to 1 ratio by weight or by volume and offers a quick set time of 4-6 minutes at room temperature. K-45 is designed for bonding steel, aluminum, glass, wood, cork, fabrics, ceramics, and most hard plastics. Electrical insulation properties of K-45 are good and it has good optical clarity in thin bond lines.
<b>EASYPOXY® K-230</b>	<b>EASYPOXY® K-230</b> Optically Clear Kit is a two-component, 100% solids system, which is used in thin films to bond glass. This adhesive is recommended for bonding substrates with widely different coefficients of expansion because of its cured resiliency. This same resiliency favors bonding elastomeric to rigid substrates. Its neutral color is an advantage where the bond line should not be noticeable.