Vinylidene Chloride Polymers
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Owensboro Specialty Polymers, Inc. (OSP) offers adhesive polymers based on polyvinylidene chloride (PVdC) and its comonomers.

**PVdC-based Adhesives Exhibit Outstanding Properties**
- Flame retardance
- Film flexibility
- Water resistance
- Outstanding adhesion
- Grease and oil resistance
- Oxygen and moisture vapor barrier
- Clarity

For example, Versaflex 9 is a PVdC acrylate copolymer that adheres to vinlys, plastics, polyolefins, U.V. cured coatings and foil (rust inhibitors should be added). These emulsions exhibit outstanding emulsion stability. This allows them to be compounded with plasticizers, fillers, biocides, surfactants, rust inhibitors, etc.

OSP prides itself on its capabilities to polymerize from a wide selection of monomers. This provides us with the flexibility to product polymers with unique properties when other suppliers are unable to do so. Many of the monomers we are permitted to us are listed below.

- Acrylamide
- Acrylic Acid
- Acrylonitrile
- Butadiene
- Butyl acrylate
- Butyleneglycol dimethacrylate
- Diethylenglycol dimethacrylate
- Diallyl maleate
- Diisobutylene
- Dioctyl maleate
- Ethyl acrylate
- Ethyleneglycol dimethacrylate
- Ethylhexyl acrylate
- Hydroxyethyl actylate
- Hydroxyethyl methacrylate
- Laurel acrylate
- Lauryl methacrylate
- Maleic anhydride
- Methacrylamide
- Methacrylic acid
- Methacrylonitrile
- Methyl acrylate
- Methyl methacrylate
- N-Methylol acrylamide
- Pentaerythritol triacrylate
- Sodium vinyl sulfonate
- Styrene
- 2-Sulfoethyl methacrylate
- Toluene diisocyanate (TDI)
- Vinyl acetate
- Vinyldene chloride

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Please call OSP if you require a special polymer or if your current polymer supplier lacks the capabilities or interest to develop the specific polymer you need. We may have an existing polymer to solve your bonding problems or we may be able to work with you to develop one.