



# Product Data Sheet

Date: 07/08

## AQUATAC® E6180

**AQUATAC® E6180** is an alkyl phenol free rosin ester dispersion designed for high-performance waterborne pressure sensitive adhesives using the latest in surfactant technologies. It was developed for use in label and tape applications requiring an excellent balance of loop, shear, and peel properties while maintaining mechanical stability when used on high mechanical shear adhesive coating processes. **AQUATAC® E6180** is compatible with a wide variety of polymer systems, including acrylics and carboxylated SBR lattices.

PROPERTIES*	TYPICAL	SPECIFICATIONS
Solids Content, %	61	59 – 63
Viscosity, cps, 25 °C	354	200 - 600
pH	8.7	8.5 – 9.5
Softening Point, Mettler, °C	80	

<b>Features:</b>	<ul style="list-style-type: none"> <li>• Tailored formulation – resin, surfactant, additives</li> <li>• Mechanical stability</li> <li>• Alkyl phenol free surfactant system</li> </ul>
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>• Excellent balance of adhesive shear, tack and peel</li> <li>• High performance with broad range of coating processes, including high-shear processes</li> <li>• Assists in developing formulations to meet changing regulatory environment</li> </ul>

<b>Suggested Applications:</b>	PSAs for tape, label ,and decal applications Ideal for high-speed coating applications
<b>Available Forms/Packaging:</b>	Liquid in bulk and totes. Available in drums with approvals.
<b>Material Safety Data Sheet:</b>	Refer to 7360
<b>Food and Drug Administration Coverage:</b>	<b>AQUATAC® E6180</b> meets the ingredient requirements of the following section of the Code of Federal Regulations, Title 21 when used according to the regulations and any limitations that may apply:  <b>175.105 Adhesives</b>

\*Arizona Chemical Test Methods available on request

Note: Specifications for experimental products are only tentative until the product becomes fully commercialized.



**Technical Service: Savannah, GA (912) 238-6556**  
**Sales Service: Jacksonville, FL - (800) 733-1374**

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