

**TECHNICAL DATA SHEET****Solventborne****Product name****BURNOCK AC 1651****Description**

BURNOCK AC 1651 is a solventborne acrylic resin modified with chlorinated polyolefin (CPO). BURNOCK AC 1651 has excellent adhesion to untreated automotive polypropylenes. It is recommended as 1k primer/basecoat in one for automotive parts, home appliances, and consumer electronics applications.

**Applications**

Polypropylene coatings.  
Automotive OEM coatings.  
Plastic coatings.  
Home appliances.  
Consumer electronics.

**Key features**

Adhesion to untreated polypropylene (especially automotive EPDM modified types).  
Adhesion to plastic substrates (ABS, PC, PMMA, PS and PVC).  
Adhesion to metal substrates (cold rolled and galvanized steels).  
Overcoatability with various topcoats in OEM (wet-wet) process.  
Water, humidity, and chemicals resistance (especially if crosslinked).  
Compatible with melamine resins.

**Characteristics**

	<b>BURNOCK AC 1651</b>
<b>Appearance</b>	Turbid liquid
<b>Solids content, weight %</b>	44.0 - 46.0
<b>Viscosity, Gardner 25°C</b>	Y - Z4
<b>Color, Gardner</b>	2 max.
<b>Acid value on solution, mgKOH/g</b>	0.5 - 2.0
<b>OH value on solution, mgKOH/g</b>	14.0 - 20.0
<b>Solvent</b>	Xylene / Solvesso-100 / Butyl acetate (70 / 15 / 15)

**Storage**

Store in a cool, dry, well-ventilated place at temperatures between 10 - 25°C. Storage at lower temperatures can cause slight re-crystallization of co-polymerized chlorinated polyolefin (CPO). After freezing, the resin might look inhomogeneous. In such case, we recommend heating up the resin to 40 - 60°C prior to manufacturing paint.

**Safe handling note**

Refer to SDS for BURNOCK AC 1651.

Please confirm with our sales representative regarding chemical regulatory status of intended countries.

210603

All information on this data sheet is based on DIC Corporation laboratory tests and characteristics shown here are not sales specifications. Procedures and directions for use of DIC Corporation products are recommendations only, with no warranties expressed or implied. The user is solely responsible for determining suitability of DIC Corporation products for the particular application. DIC Corporation recommends consultation with its technical experts and trials before general or production use of any of its products. DIC Corporation products are provided subject to its standard terms and conditions. This data sheet supersedes all previous publications for the products described herein.

**DIC Corporation**For more information: <https://www.dic-global.com/en/products/coating.html>