

**Waterborne**

**Product name**  
**BURNOCK WD-583**

**Description**

BURNOCK WD-583 is a waterborne OH functional acrylic dispersion to use in combination with polyisocyanates for 2K polyurethane coatings. BURNOCK WD-583 has high gloss and fullness, excellent weather, water and chemical resistance. It is recommended as topcoat for consumer electronics, wood coatings, industrial coatings, plastic coatings and engineering machinery coatings.

**Applications**

Industrial coatings.  
Rail vehicle coatings.  
Engineering machinery.  
Consumer electronics.  
Home appliances.  
Furniture coatings.  
Wood coatings.

**Key features**

High gloss.  
Fullness.  
Water resistance.  
Weather resistance.  
Chemical resistance.  
Environmentally friendly solvent.

**Characteristics**

	<b>BURNOCK WD-583</b>
<b>Appearance</b>	Milky white liquid
<b>Solids content, weight %</b>	43.0 - 45.0
<b>Viscosity, mPa s 25°C</b>	100 - 3000
<b>pH</b>	7.5 - 8.5
<b>OH value on solids, mgKOH/g</b>	130 (estimated value)
<b>Solvent</b>	Dipropylene glycol dimethyl ether (DMM) / Water

**Storage**

Store in a cool, dry, and well-ventilated place at temperatures below 40°C.

**Safe handling note**

Refer to SDS for BURNOCK WD-583.  
Please confirm with our sales representative regarding chemical regulatory status of intended countries.

211108

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.