



## Technical Data Sheet

**Model: CUBD-DC**

**Product Category: Release Agent**

CUBD-DC is a high-concentrated printable release agent for casting polyurethane in wide applications.

<b>Typical Properties</b>	Appearance	Colorless transparent liquid
	Colour (Fe-Co)	≤2
	Density (g/cm <sup>3</sup> , 25°C)	1.07
	Viscosity (mPa.s, 25°C)	116±30
<b>Solubility</b>	Insoluble in water, soluble in dichloromethane, gasoline, mineral spirits and etc.	
<b>Applications</b>	To be recommended to various CPU elastomers applications, especially for the production process of skating wheels and skateboard wheels with strict surface requirements.	
<b>Advantage</b>	➤ <b>Surface printable without adhesion affecting of transfer printing process.</b>	Normal silicon release agent will permeate and pollute the surface of PU materials, resulting in failure printing. CUBD-DC is fluorine modified, ensuring perfect demoulding effect, moreover avoiding failure printing.
	➤ <b>Smooth and glossy surface, excellent appearance.</b>	Good lubricity of CUBD-DC can ensure to form a thin-uniform film on the surface of materials, which can avoid matt, stains, strip-flowing and other defects, suitable for producing high gloss materials.
	➤ <b>Chemical inertia, non-corroding to mould surface.</b>	Chemical inertia of CUBD-DC will not corrode the metal, plastic(PP) mould surface, and the gloss of mould surface will not be down for long-term use. It is quite important to wheel producer who use metal and PP moulds. CUBD-DC will not be decomposed in 120°C working temperature for long-term use, and will not scale-forming in moulds as well.
	➤ <b>Excellent demoulding effect, easy to be demoulded.</b>	Comparing with normal silicone release agent, CUBD-DC demonstrates excellent demoulding effect, materials demoulding easily. The skateboard wheels produced in cup mould can be easily demoulded by air gun blowing.
	<b>Storage</b>	Product should be stored in a cool, dry environment away from sunlight and excessive heat.
<b>Package</b>	25kg/200kg in HDPE drum	
<b>Shelf Life</b>	Unopened shelf life is 12 months from the date of manufacture.	

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