



Product Name: Polyurethane Release Agent CUBD-DC

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

Typical Properties:

Appearance	Colorless transparent liquid
Density (g/cm ³ , 25°C)	1.07
Viscosity (mPa.s, 25°C)	1200

Solubility: Insoluble in water, soluble in dichloromethane, gasoline, alkane solvent oil etc.

Applications:

It is recommended to various CPU elastomers applications, especially for the production process of skating wheels and skateboard wheels with strict surface requirements.

Features & Advantages:

- **Surface printable without adhesion affecting of transfer printing process.**
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.
- **Smooth and glossy surface, excellent appearance.**
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.
- **Chemical inertia, non-corroding to mould surface.**
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.
- **Excellent demoulding effect, easy to be demoulded.**
- 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.

Storage: Product should be stored in a cool, dry environment away from sunlight and excessive heat.

Package: 25kg/200kg in HDPE drum

Shelf Life: Unopened shelf life is 12 months from the date of manufacture.