

Optool DAC-HP

Optool DAC HP is an antifouling additive that demonstrates surface antifouling function developed based on Daikin's proprietary technology cultivated in fluorochemical. By simply adding it to ultraviolet (UV) curing type acrylic hard coating agent, it exhibits antifouling properties, especially fingerprint adhesion prevention on treated surface.

Product Features

- Easily cleaned surface (fingerprint, marker, etc.)
- Water and oil repellency
- Low friction properties (slippery)
- Superior antifouling durability
- No degradation of optical properties

Packing specification

- 0.1 kg, 0.8 kg: 20 mass% concentration product

Safety

Before using this product, please read the current Material Safety Data Sheet and the precautionary statement on the product package.

This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

Follow all applicable directions.

Physical Properties*

An example of the observation characteristics of a hard coat that was UV cured by adding OPTOOL DAC HP is shown below.

Item		Coating w DAC-HP	Coating w/o DAC-HP
<i>Contact angle</i>	water	107 °	66 °
	n-hexadecane	60 °	< 10 °
<i>Sliding angle</i>	n-hexadecane	11 °	immeasurable
<i>Marker test (beading)</i>	initial	beading	no beading
	EtOH rubbing (50 times)	beading	no beading
<i>Marker test (removed)</i>	initial	beading	no beading
	EtOH rubbing (50 times)	beading	no beading
<i>Fingerprint test</i>	anti-fingerprint	excellent	no good
	removed	excellent	no good

*The above physical properties are representative and not guaranteed.

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