

Anhui Uctec New Material Technology Co., Ltd.

Technical Data Sheet (TDS)

TYPE : Aqueous, hydroxy functional acrylic resin

Product Designation: F-5015C

Product Introduction: This product is an aqueous hydroxyl acrylic secondary dispersion, a milky - white liquid. It is suitable for the polyol part of two - component water - based polyurethane paints and has excellent decorative properties.

Product Characteristics:

1. Low odor, high flash point, environmentally friendly and safe.
2. Low hydroxyl value, low use cost of 2K system.
3. Can be matched with an oily curing agent.
4. Good decorative properties and high gloss.
5. It can be mixed with water in any proportion, meeting environmental and health requirements.

Product Applications: This product is widely used in PU color paints and clear varnishes.

Product Specifications:

Item	Index	Testing Method
Non-Volatiles	41-45%	ISO 3251
Viscosity (23 °C)	0.5 -5 Pa.s	ISO 3219
Acid value (as such)	8 - 12 mg KOH/g	ISO 3682
pH-Value	7.0-9.0	ISO 976
Hydroxyl Value (% by 100% solid content)	2.2	Titration
SOLVENT COMPOSITION	Solvent naphtha /PNB/Water	

Packaging Specifications: 200kg/drum (net weight).

Storage Instructions: At temperatures up to 35 ° C storage stability packed in original containers amounts to at least 180 days.

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It is important to protect F-5015C from frost; at low temperatures it has therefore to be stored under frostproof conditions.

Lowest storage temperature: + 1 °C

Precautions: This product is a chemical product. Please operate in strict accordance with the safety regulations.

Contact Information:

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