

Anhui Uctec New Material Technology Co., Ltd.

Technical Data Sheet (TDS)

TYPE : Aqueous, hydroxy functional acrylic resin

Product Designation: F-5019

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. After reacting with isocyanate, it has a high cross - linking density and high hardness.
3. It has excellent weather resistance and good water resistance.
4. Good decorative properties and high gloss.
5. It can be mixed with water in any proportion, meeting environmental and health requirements.

Product Applications: Paint systems where low co-solvents levels and a high layer thickness without foaming are required. High gloss clearcoats and topcoats for drying at room temperature as well as drying at elevated temperatures. Blending partner for our other water borne two-component resins. Main application areas: Commercial Transport, ACE and Machinery.

Product Specifications:

Item	Index	Testing Method
Non-Volatiles	42-46%	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)	3.9	Titration

Anhui Uctec New Material Technology Co., Ltd.
Technical Data Sheet (TDS)

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.

It is important to protect F-5019 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:

Company: Anhui Uctec New Material Technology Co., Ltd.

Address:No. 1055 Taizi Avenue, Cihu High-tech Zone, Ma'anshan City,
Anhui ProvinceContact,China.

Person: Zhihua Cao

Contact Phone: +86-555-3507111, +86-555-3506830 (fax), +8618805551968