



Solmer

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Urethane acrylate dispersion

SWA 8000M5

Descriptions

Urethane acrylate dispersion (SWA 8000M5) is used for the manufacture of aqueous radiation-curing coatings for wood, wood products as primer and top coating. These are characterized by their good re-emulsification properties.

Features

- Excellent adhesion for wood and wood products.
- Low viscosity.
- Easy to make formulation.
- High toughness.
- Fast curing and very good wetting properties.
- Environment-friendly product.
- Good clarity and scratch resistance.

Applications

SWA 8000M5 is used for manufacturing UV curable paint for wood, wood products and paper. Addition of 1~5% by wt. photo initiator, calculated on the solid binder, have proven to be suitable for initiating the curing reaction.

Coatings based on SWA 8000M5 are noted for their high toughness and good adhesion between substrate and sealer. As with any product, use of SWA 8000M5 in a given application must be tested in advance by the user to determine suitability.

Typical Properties

Properties	Value
Appearance	Slightly colloidal, milky
pH	6.0 ~ 8.0
Tg(°C)	<0°C
% Solid	AP 40
viscosity@25°C	<200
Specific Gravity @25°C	1.06

Handling

Storage:

Avoid continuous staying over than 40°C.

Handle with care and avoid unnecessary personal contact.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid continuous or repetitive breathing of dust.