



Eco-Friendly

WATER BASED PU

Non-Toxic

SINOGRACE

The Chemical Company

Water-based rosin emulsion

WPS-1005 is a product with rosin ester as raw material, light color, high softening point and excellent aging resistance. It is suitable for general-purpose pressure-sensitive adhesive system and can significantly improve the adhesive performance of adhesive products.

DESCRIPTION

TYPE

Water-based rosin emulsion

KEY

FEATURES

- Non-toxic, eco friendly
- Using a unique surfactant, it significantly improves the initial tack, peel strength and tack of the adhesive after addition.
- Small particle size, good mechanical stability, excellent flowability
- Low surface tension, low foam, coating uniformity, no "fish eye" Online
- Good compatibility: can significantly improve the adhesive products and achieve the best balance point

TYPICAL

PROPERTIES

Model	WPS-1 005A	WPS-10 05B	WPS-10 05C	WPS-10 05D	WPS-10 05E	WPS-10 05F
Solid Content	49-51%	49-51%	54-56%	49-51%	54-56%	54-56%
PH Value	6-8	6-8	6-8	7-9	7-9	7-9
Softening point	68-78	65-75	65-75	65-75	75-85	75-85
Brookfield viscosity	600-1200	600-1200	100-600	600-1200	≤300	300-1000
Particle size(Nm)	≤270nm	≤270nm	≤250nm	≤270nm	≤600nm	≤600nm

APPLICATION

- Water based paints
- Waterbased adhesive
- Natural and synthetic rubber emulsion
- Interior and exterior building putty and other aspects

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STORAGE

AND

HANDLING

- Available in 200 kg/ barrel or 1000kg/barrel (IBC)
- Store products in tightly closed original containers at 5-35°C
- Shelf life: 9-12 months from delivery date
- According to non-dangerous goods transport

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