



Eco-Friendly

**WATER BASED PU**

Non-Toxic

**SINOGRACE**

The Chemical Company

## Wood Coating/Paint

### PU-107 Water based 2K PU for wood furniture coatings

Water based 2K polyurethane systems are a new technology which is already successfully used in many applications also for wood coatings and more specifically furniture finishes, without having to sacrifice quality. Some properties like the ease of introduction by hand of the hardener and the determination of the pot-life through the viscosity increase can be optimized by choosing the right solvent to dilute the polyisocyanate.

#### DESCRIPTION

#### TYPE

Water based 2K polyurethane system

#### KEY

- Formaldehyde-free
- Water resistant and non-yellowing

#### FEATURES

- Excellent hardness, toughness and high gloss
- Excellent anti-scratch and abrasion resistant performance

#### Part A: Water based polyurethane

Appearance	Milky white liquid
pH	7-8
Solid content	40±1%
Charge	Anion
Viscosity (25°C)	400-800cP

#### TYPICAL

#### Part B: Hydrophilic polyisocyanate

Appearance	Clear liquid
NCO content (%)	22.5%
Viscosity (25°C)	500-750cP

#### PROPERTIES

#### The resulted coating properties

Pencil hardness	2H-6H
Gloss at 60 °	94.7
Dry time for Touch (25°C)	2 hours
Dry time for Foot Traffic (25°C)	24 hours

#### APPLICATION

- Wood topcoat
- Furniture coating

#### STORAGE

- Available in 200 kg/ barrel or 25 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 9 months from delivery date
- According to non-dangerous goods transport

#### AND

#### HANDLING

Anhui Sinograce Chemical Co., Ltd.

Tel: +86-0551-63459511

Email: sales@sinogracechem.com

Add.: Hefei city, Anhui province, China

Mob: +86 15855525589