

## General Description:

PU GLOSS # 509 CLEAR is a polyurethane glossy varnish based on poly – functional saturated polyester resin. A varnish of two component materials with excellent covering properties and optimum brilliant finish. Due to its high solid content and high viscosity, it requires minimum coats. It is recommended for wooden application internally.

## Major Uses:

Highly recommended for household furniture such as beds, cabinets, chairs, sofas, doors and frames turned pieces and likes.

## Characteristics and Physical Properties:

Appearance	Transparent
Gloss @ 60°	95
Specific gravity	0.95 kg/L
Viscosity(25°C,FC # 4)	70"
Flash point	21°C
Solid content	51%
Recommended Catalyst	Catalyst # 003
Thinner	Thinner 105-winter Thinner 205-summer
Mixing ratio (%v)	Base:Catalyst:Thinner 100 : 50 : 25-35
Application Method	Brush, Roller, Spray
Application Condition	
Air temperature	5~35°C
Relative humidity	85% maximum
Pot life @ 25°C	3-4 hours
Drying time (25°C)	
Dust free	10' – 20'
To touch	35' – 45'
To recoat	2 – 3 hours
Hard	24 – 36 hours
Coverage	5 – 7 m <sup>2</sup> /L ( 100 – 120 g/m <sup>2</sup> )
Recommended Basecoat	PU Sanding Sealer Polyester Sealer

## Method of Application:

- The surface to be topcoated should be primed with either polyurethane primer or polyester primer.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants.
- To a well – prepared surface, apply 1 – 2 coats of P.U. GLOSS # 509 CLEAR, horizontally and vertically.
- If additional coat is required to obtain a good finish, light sanding is necessary with 600-800 grit sandpaper is recommended prior to final coating.
- Recoating is between 2 – 3 hours. Medium sanding with 400 – 600 grit sandpaper is recommended before subsequent coat is needed

## Packing:

Available in 1USG, 20 lit. Pail and 200lit Drum.

## Storage:

Shelf life 12 months minimum if stored below 25°C.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105.

## Physiological Hazards:

PU GLOSS # 509 CLEAR and Catalyst # 003 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU GLOSS # 509 CLEAR is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

## MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

TEL NO: 009716 5311777; FAX: 009716 5311330

Website : <http://www.mas-paints.com>

Email : [masuae@emirates.net.ae](mailto:masuae@emirates.net.ae)

