



# ACRYLIC SEMIGLOSS UV/077 CLEAR

## General Description:

ACRYLIC CLEAR SEMIGLOSS UV / 077 is based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates. It is weather resistant, high gloss and provides efficient protection to light sensitive substrates such as woods and plastics.

## Major Uses:

Recommended for outdoor furniture, steel gates, external doors and frames, automotive refinishes, industrial and trade sales coatings.

## Characteristics and Physical Properties:

Appearance	Clear Transparent Liquid
Specific Gravity (20 <sup>0</sup> C)	0.96 + / - 0.1
Viscosity (25 <sup>0</sup> C,FC # 4)	45 Sec.
Flash Point	23 <sup>0</sup> C
Non – Volatile (Wt.%)	50 + / - 0.5
Gloss (60 <sup>0</sup> )	Semi Gloss
Application Condition Air Temperature Relative Humidity	5 ~ 35 <sup>0</sup> C Max. 85%
Application Method	Brush, Spray or Roller
Recommend Catalyst	Catalyst # 026
Thinner	PU Thinner # 105
Mixing / Dilution Ratio	Base : Hardener : Thinner 100 20 25 ~ 30
Pot Life (20 <sup>0</sup> C )	5 ~ 6 hrs.
Drying Time (20 <sup>0</sup> C) Dust Free To Touch To Recoat Hard	20 – 25 min. 30 – 45 min. 2 – 3 hrs. 24 – 36 hrs.
Coating Rate	12 ~ 14 m <sup>2</sup> /lit. (80-120gms/m <sup>2</sup> )
Recoating	one coat may be sufficient for ordinary finish however; one additional coat can be applied wet on wet if necessary. Light sanding with 400 ~ 600 mesh sand paper is recommended before subsequent coats ,
Recommended Sealer	Acrylic Sanding Sealer UV/071

## Application Procedure:

The mixture ready for use, can be applied by brush, roller or spray. Surface to be painted must be free of dirt and other contaminants. In the remaking of old woods, it is imperative to remove traces of wax, dirt and other oily matter to ensure a perfect adhesion of paint. Apply 1 – 2 coats of Acrylic Sanding Sealer UV / 071 prior to application of ACRYLIC CLEAR SEMIGLOSS UV / 077.

## Typical Recommended System:

Acrylic Sanding Sealer UV/071	2 Coat.
ACRYLIC CLEAR SEMIGLOSS UV / 077	1 Coat

## Precautions:

- Never leave drums of Catalyst open. Paint should be used within the pot life after components have been mixed together.

## Storage:

Keep away from heat and fire. Store in the dark, cool and dry places. Shelf life up to 12 months in closed container.

## Cleaning of Tools:

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

## Packing:

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

## Physiological Hazards:

ACRYLIC CLEAR SEMIGLOSS UV / 077 does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. ACRYLIC CLEAR SEMIGLOSS UV / 077 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)

