

General Description:

ACRYLIC QD/UV LACQUER is based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates. It is weather resistant and provides efficient UV protection to light sensitive substrates such as woods and plastics. It is a fast drying lacquer with extremely surface hardness and good scratch resistance.

Major Uses:

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

Characteristics and Physical Properties:

| | |
|-----------------------|--|
| Appearance | Clear & Pigmented |
| Specific gravity | 0.96-1.20 kg/L |
| Viscosity | 35" @ 25°C FC#4 |
| Flash point | 23°C |
| Non-volatile | 30 - 60% (w) |
| Gloss | Matt : Semigloss : Gloss |
| Recommended catalyst | Catalyst # 027 |
| Application condition | |
| Air temperature | 5~35°C |
| Relative humidity | 85% max. |
| Application method | Brush or Spray |
| Thinner | PU Thinner # 205 |
| Mixing ratio | Base:Catalyst:Thinner 100 : 20 : 25 |
| Pot life | 5~6 hrs |
| Drying time @ 25°C | |
| Dust free | 15 – 20' |
| To touch | 25 – 30' |
| To recoat | 2 – 3 hrs |
| Hard | 12 - 24 hrs |
| Coating rate | 8-10 m ² /L (100-150 g/m ²) |
| 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 grit sandpaper is recommended before subsequent coats. |

Application Procedure:

The mixture ready for use, can be applied by brush or spray.

Surface to be painted must be free of dirt, oil, grease 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 QD/UV Sealer prior to application of Acrylic QD/UV Lacquer.

Typical Recommended System:

| | |
|-----------------------|-----------|
| ACRYLIC QD/UV SEALER | - 2 coats |
| ACRYLIC QD/UV LACQUER | - 1 coat |

Precautions:

- Never leave drums of Catalyst open. Paint should be used within the pot life after components have been mixed together.
- Empty packaging should be disposed as per the Local regulations. (See MSDS for more details)

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 as soon as possible.

Packing:

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

Physiological Hazards:

ACRYLIC QD/UV LACQUER and the corresponding Catalyst do not contain dangerous solvents, nevertheless, good ventilation in working areas is recommended as well as the use of safety tools and equipment. ACRYLIC QD/UV LACQUER and Catalyst are flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

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

