

## General Description:

PU MATT CLEAR C/10 is a transparent polyurethane varnish based on saturated polyester resins, to provide smooth and satin finish with good covering properties and excellent hardness. Due to high quality of raw materials, it is resistant to water and mild acids and alkalis.

## Characteristics and Physical Properties:

|                                                              |                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance                                                   | Transparent                                                                                                                                                                                                                                                         |
| Specific Gravity                                             | 0.97+/-0.05 g/L                                                                                                                                                                                                                                                     |
| Viscosity @ 25°C                                             | 40-50" FC # 4                                                                                                                                                                                                                                                       |
| Flash point                                                  | 20°C                                                                                                                                                                                                                                                                |
| Solid content (wt.)                                          | 45                                                                                                                                                                                                                                                                  |
| Application Condition:<br>Air temperature                    | 5 ~ 35°C                                                                                                                                                                                                                                                            |
| Application method                                           | Auto or conventional spray                                                                                                                                                                                                                                          |
| Recommended Catalyst                                         | Catalyst # 034                                                                                                                                                                                                                                                      |
| Thinner                                                      | PU Thinner # 105/205                                                                                                                                                                                                                                                |
| Mixing/Dilution Ratio<br>( 13-15" FC # 4)                    | Base:Hardener:Thinner<br>100 50 25-30                                                                                                                                                                                                                               |
| Pot life                                                     | 3 ~ 4 hrs.                                                                                                                                                                                                                                                          |
| Drying time:<br>Dust free<br>Touch dry<br>Hard dry<br>Recoat | 15-20'<br>30-45'<br>1-2 hrs<br>24-36 hrs                                                                                                                                                                                                                            |
| Coverage                                                     | 7-8 m <sup>2</sup> /L<br>( 120 gms/m <sup>2</sup> )                                                                                                                                                                                                                 |
| Pencil hardness                                              | HB-H                                                                                                                                                                                                                                                                |
| 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 coat when recoating time exceeds 3 hrs and remove traces of wax. |

## Major Uses:

PU MATT CLEAR C/10 is excellent for wood furniture such as beds, cabinets, chairs, sofas, doors and frames.

## Surface Preparation:

- The surface to be coated should be primed with basecoat lacquer clear either polyurethane or polyester based sealer.
- 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 PU MATT CLEAR C/10, horizontally and vertically.
- To obtain a perfect finish coat, sand again with a very fine sand paper and repeat the top coating process.

## Storage:

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

## Cleaning of Tools:

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

## Packing:

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

## Precautions:

PU MATT CLEAR C/10 and Catalyst # 034 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU MATT CLEAR C/10 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)