

MECHWAX™ MW-10

(Additive Solution for Top Coat)

Mechster™ designates a variety of unsaturated polyester resins manufactured by *Mechemco Resins Pvt. Ltd.* These resins are specially engineered to meet the most diverse needs of fibreglass reinforced plastic moulding industry. Our R & D is geared to tailor **Mechster™ Resins** and **MechAdd™ Additives** for the customers' most specific end application. In fact we take pride in suitably formulating the resin to improve your production efficiency as also the field performance of the FRP product.

MECHWAX™ MW-10 is a 10% solution of Paraffin Wax to be used as an additive in Top Coat of UP Resin Formulations including Thixotropic versions and Gel Coats.

MECHWAX™ is designed to provide rapid tackfree curing of the Top Coat or final layer of Laminate.

Physical Properties of MECHWAX™ MW-10

Appearance	: Clear Liquid
Specific Gravity @30°C	: 0.80 ± 0.01
Viscosity @ 30°C by	
Brookfield Viscometer, cP	: 60
Acid Value, mg KOH/g	: < 1.0
Volatile Content, (w/w) %	: 90 ± 2

Recommended Use of MECHWAX™ MW-10

Addition of about 2% to 3% v/w addition of **MECHWAX™ MW-10** in the Top Coat or the resin for the final layer of FRP would yield a tack free smooth surface.

Do not use this additive in the resin for manufacturing of gel coat or resin for intermediate layers as this additive would hamper the bonding with the subsequent layers.

If subsequent layers of reinforcement need to be applied on top of the layer made with **MECHWAX™** additive, a thorough sanding of the top surface is recommended.

Uses

MECHWAX™ MW-10 is highly suitable for Hand Lay-up & Spray-up process for manufacturing FRP products with large surface areas where a possibility of Air Inhibition could result in the tacky surface even after complete cure.

Packing

MECHWAX™ MW-10 is supplied in non returnable M.S. drums containing 18 kg / 160 kg net.

Storage and Handling

MECHWAX™ MW-10 should be stored in a cool and dry place away from sunlight, preferably below 25°C in the original packing. Do not keep the container open for long to avoid the evaporation losses.

Skin contact and vapor inhalation should be avoided during use because of the presence of volatile organic solvents. In case of irritation in the eye or skin, wash with copious amount of water. In extreme case, seek immediate medical advice.

The above information and recommendation are based on our extensive experience in the field and is provided only as a general guidance for application of our product. The user should verify the suitability of our product for their own specific applications. We do not warrant or assume any liability for the information provided.