

Turco[®] Electromask

Introduction

Turco[®] Electromask is a one package, hand strippable, air-drying and curing protective coating that can be applied by dip, or brush.

Its intended use is to protect metal surfaces during successive fabrication operations such as chemical cleaning, pickling, etching chromic acid and phosphoric acid anodizing and electro depositing of metal coatings.

It will also withstand abrasion, bending, forming, heat treatment up to 180°C etc.

Liquid properties

Viscosity in poises at 25°C Brookfield 4/30	50 ± 2
Viscosity Zahn Cup 5 at 25°C	150 ± 15 seconds
Solids content by weight	45 ± 5%
Specific weight	1.026
Color	Translucent blue
Flash Point	50° C (Abel)

Shipping Packaging

10, 20 and 100 liter steel containers.

Use instructions

Dip Applications

1. Turco[®] Electromask is supplied in ready to use consistency. If for any reason the product is too viscous, thinning can be done with Turcoform Mask 527 Thinner.
2. Slowly immerse clean part into the solution.
3. Remove part from the dip-tank and avoid direct drainage of excess coating into the dip-tank as this may introduce air bubbles into the mask.
4. The coated part is left to dry to a tack free surface condition, rotated 180° in vertical position and dipped again to apply a second coat is necessary.

Brush or roller coat

1. Apply Turco[®] Electromask to the clean part with soft bristle brush or roller as described.
2. Allow the part to dry to a tack free condition. Atmospheric conditions may vary the time required to reach the tack free condition.
3. Apply subsequent coats to reach the needed film thickness for the specific job. Recommended coating thickness is from 250-400 micrometer depending on the process time and aggressivity of the medium used.

For air cure schedule: after final coat of mask is tack free, allow coating to cure at ambient temperature overnight.

The coating may also be oven-cured after its tack free condition has been reached for 60 minutes at 110°C.

Precautions

Warning. FLAMMABLE. Vapor is harmful.

Keep away from heat and open flame. Keep container closed and use with adequate ventilation. Avoid prolonged breathing of vapor or repeated contact with skin.

NOTICE:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and sellers sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.