

# GP TRANSFORMER OIL RESISTANCE COATING

## SPECIAL POLYMER BASED TOP COAT

### Description

Single pack Air Drying Special Polymer based unicoat topcoat.

### Recommended Use

This is an ideal protective finish for application on internal side of MS transformer. It is having resistance to transformer oil at room temperature.

### Physical Data

COLOUR	: Industrial shades
FINISH	: Semi Glossy
SOLIDS BY VOLUME	: 35 ± 3%
THEORETICAL SPREADING RATE	: 11.66 sq.mt./ltr at recommended DFT of 30 $\mu$
FLASH POINT	: Above 23° C
DRYING CHARACTERISTICS	: SURFACE DRY :40 minutes
(At 30° C & 65% Relative Humidity)	HARD DRY : 24 hours
	FULL CURE :7 Days
SHELF LIFE	: 6 months

### Surface Preparation

This being a unicoat, it can be applied directly over the surface. Surface should be free from oil, moisture, dust and dirt. Abrasive blasting to minimum Sa 2 1/2 Swedish Standards is the best method of surface preparation. In case blasting is not possible, then the surface of steel should be manually cleaned with mechanical methods like wire brush, coarse emery paper, scraper, etc to remove rust, dust, loose old coating, oil, grease, and other foreign contaminants to ST 2 of Swedish Standards. Give a solvent/thinner wipe after surface preparation.

### Application Data

APPLICATION	: By Brush / By Conventional Spray
THINNER	: 003 /006
RECOMMENDED DFT	: 30 - 35 $\mu$ .
OVERCOATING INTERVAL	: MIN : 8 hours
	MAX : Indefinite
COMPATIBILITY	: Not to be over coated with any Two-component product.

### Application Method

Stir the paint thoroughly. Add Thinner Type 003/ 006, if required, depending on application method, and stir vigorously for few minutes. Strain the paint through Nylon filter cloth and apply uniformly over the surface. All equipments used for above should be properly clean. Brushing should be restricted to smaller areas & for touch up only.



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Application: By Conventional Spray

## For Conventional Spray application:

Thinner: 003 /006

Addition: 5 - 15%

Nozzle Orifice: 1.2 - 1.5 mm

Nozzle Pressure: 45 - 55 psi.

## Additional Information:

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following section of Grand Polycoats' latest Data manual :

- Guide to Product Data Sheet
- Surface Preparation Details
- Paint Application Details
- MSDS

## Notes :

1. Do not apply paint when temperature falls below 10°C or rises above 50°C, when Relative Humidity is above 85%. & during rain, fog or mist. Surface temperature must always be minimum of 3°C above Dew point.
2. Spray equipment should be cleaned with GP's recommended thinner otherwise equipment is liable to be damaged.
3. DFT variation can be obtained by change in application method / thinning ratio. Contact Grand Polycoats' representative for further assistance.
4. Shelf life indicated is minimum for this Product and it is subjected to re-inspection thereafter. Individual component is required to be store in cool, dry and covered condition, away from heat and ignition.

## Health & Safety

This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapours as well as contact between the wet paint and exposed skin or eyes.

## Limitation of Liability

To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We make no other warranty or guarantee of any kind, express or implied, including merchantability and fitness for particular purpose. Liability, if any, is limited to replacement of the product or refund of the purchased price. Labour or cost of labour and other consequential damages are hereby excluded.



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