



**SHALIMAR
PAINTS**

CANKOTE

PACKAGING ~ METAL DECORATION COATING

EPOXY DEEP DRAWN LACQUER

Data Sheet No. SPL/PMG/449084_200383301085

- Lead and chrome free modified epoxy phenolic resin
- Ultra high gloss
- High abrasion and mar resistance
- Excellent scratch resistance

- Exhibits an excellent flexibility and with no leaching properties.
- This product is as per US FDA list under Section 175.300

Product Information

| | |
|---|---|
| Chemistry | Epoxy Phenolic |
| Colour | Clear Gold |
| Supply Viscosity FCB4 @ 30 °C | 80 ± 10 Seconds |
| Mixing Ratio (By Volume) | Single pack |
| Solid content by mass | 32 ± 2 % |
| Dry film by weight | 3.80-4.50 mgm/ Square inch |
| Specific Gravity | 0.96 ± 0.02 |
| Theoretical coverage | 1.32 litre/100 square meter |
| Flash Points | Above 25 °C |
| Scotch tape adhesion 1mm as per ASTM 3359 | 5B (Excellent) |
| Wedge bend Tooling | Passes |
| Process Resistance Test | Excellent |
| Storage Life | Up to 6 months when stored in sealed containers 30±5 °C |

Pack Size

20 litres

Health & Safety

Use Proper Personal Protective Equipment(PPE) during application of this product. Please consult Material Safety Datasheet (MSDS)

Precaution

Provide adequate ventilation during application and drying. Clean Spray gun equipment and hose immediately after application of material.

This product datasheet supersedes all previous datasheet Epoxy D.D. Lacquer – 449084-83301085
Abbreviation used - EMT – Effective Metal temperature ; mgm – Milligram, FCB4 – Ford cup b4

DISCLAIMER: This PDS is by no means a comprehensive data. The company will not be liable for losses or damages howsoever caused including liability for negligence, which may be suffered by the user of the data contained therein. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of result is extended since conditions of use are beyond our control. Liability is limited to replacement of the product hence cost of labour and consequential damages are excluded.

Application details

Method of Application

Roller / Coater

Stoving Schedule

1st pass interior coating

160 – 170°C @ EMT for 12 Minutes

2nd pass exterior coating

195 – 205 °C @ EMT for 12 Minutes

Thinner

Epoxy Reducer

It is always recommended to Stir material before use

Intended Use

Exterior topcoat for general line cans like Pesticide, Baby Food, Protein Powder, Coffee, Ghee, other powdered products, Paint, thinner and oil container, aerosol can, fruit pulps, vegetables and other product in processed food; Paint Cans Double Tight & ID For Opening & Closing

Substrate - Tin, Tin free steel(TFS), Electrolytic Tinplate (SR ETP)

For more details contact Representative of Shalimar Paints Limited

Limitation

High Dry film weight (DFW) & Double Coat application not recommended for deep drawing & stamping operation.