

TECHNICAL DATA SHEET

PRODUCT CODE

- SEM-T/05

PRODUCT NAME

- Flexo Varnish (Lacquer) for Silk Screen



DESCRIPTION

- SEM-T/05 is an epoxy acrylate based overprint varnish used in offset applications on many substrates like paper, cardboard and some plastic based substates (PVC, OPP, PP, PE, ..) etc.

APPLICATIONS

- SEM-T/05 is used only in flexo printing application
- Procedure is the same as any other UV coating material.
- SEM-T/05 can cure very rapidly under UV radiation.
- Coated sheets can be stacked immediately after curing no blocking will occur.

PHYSICAL PROPERTIES

- SEM-T/05 is %100 solid after curing.
- Flexo UV varnish is clear and has a very light yellow color in its packaging. Due to the performance chemicals, it can be slightly turbid but it doesn't effect the clearness or glossiness of cured film.
- Odorless.
- Embossing : Various embossing structures are applied according to customer requirements . Wood Decors : The inks used for the surface printing application have a minimum light fastness grade of 7. The decor is then coated with acrylic UV lacquer for the highest scratch resis tance.

FILM PROPERTIES

- Creates brilliant, high glossy finish.
- Clear and flexible coating.
- High slip properties.
- High anti-blocking properties.
- High speed curing at conventional UV curing systems

STORAGE STABILITY

- Minimum 6 months at 25 C in sealed closed and nontransparent container. Keep the product away from sunlight

HEALTH AND SAFETY

- SEM-T/05 is formulated and manufactured with the raw materials from ISO 9001 proved suppliers.

PACKAGING

- 20 kg buckets
- 20 kg jerrycan
- 200 kg drums
- 5 Kg buckets
- 1000 Kg IBC

KEY DATA

Visual	Clear Liquid	
Density (25 °C)	1,05 ~ 1,15	gr/cm ³
Curing Properties (With medium pressure Hg Lamb)	4-8 micron film can be cured under 30- 50 mj/cm ² UV radiation	

COMPOSITION INFORMATION ON INGREDIENTS

Oligomers (Acrylate Based)	40-60 %
Reactive Diluents (Acrylate Based)	30- 45 %
Photoinitiators	2- 10 %
Performance Additives	0- 4 %

Esa Kompozit Ve Teknolojik Çözümler Mühendislik Sanayi Ticaret A.Ş.

Gebze Dilovası Osb Mahallesi D-4015 Sok. No:6/1 Gebze / KOCAELİ

Tel No : (0 262) 724 14 95 / 4 Hat Fax No : (0 262) 724 18 95

İran satış temsilcisi Joudi: +984136555380 / +989141063409