

PRODUCT DATA

VINYLOX - ACN147 ANTI NOISE COMPOUND

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PRODUCT DESCRIPTION

VINYLOX is a Fast drying thixotropic paste / solution of Butadiene and Vinyl phenolic in aqueous medium. This product is supplied for application as anti-noise surface coating / treatment of Brake pad abutment plates.

PHYSICAL PROPERTIES

Specific Gravity	:	1.05 - 1.15
Flash Point	:	> 55 deg. C
Non Volatiles	:	53 %
Viscosity at 25 deg. C	:	70 - 100 Ps.
Distillation Point	:	100 deg C

APPLICATION OF PRODUCT

Method : VINYLOX is capable of application by screen / serrated roller and should be applied only to the steel back material.

Drying	:	@ ambient	:	30- 45 minutes
		@ 80 deg C	:	10 -15 minutes

Curing	:	200 deg C	:	15 Minutes
		180 deg C	:	20 Minutes

PROPERTIES OF CURED PRODUCT

The property / resilience of dried film shall be satin like. Coating thickness (dry film) to be 150 - 200 microns.

The dried film possesses excellent adhesion to mating surface and superior weather, water, chemical, impact and heat resistance (-20 deg C + 300 deg C).

Substrate : Bright mild steel back plate / fabricated m.s brake sheets of all grades .

Pretreatment : Substrate - Degrease / shotblast and degrease or surface abrading / buffing or similar preparation .

Optional : Compatible to phosphated or primed surface

Preparation : Screen apply or serrated roller coat on to the Steel Plate .

Drying : 30 minutes @ ambient & 10 - 15 minutes @ 80 +/- 5 deg. C

Curing : @ 180 - 200 deg.C / 15 - 20 minutes.

Note : : Paint (powder / liquid) can be applied to the dried surface of VINYLOX and combine curing of both-coating as well as paint.

Diluent / miscibility / solubility : Demineralized Water

SHELF LIFE : 6 months @ temp. 25 -30 deg.C

Packaging

VINYLOX is available in 5, 10 and 20 liter containers.

Above details are provided solely as Technical information and do not constitute a product specification.

INDIAN FRICTION MATERIAL ENGG. Co.

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PRODUCT DATA

EMULSOL MOLD RELEASE AGENT

PRODUCT DESCRIPTION

EMULSOL is a water-base, concentrated blend of organic and synthetic polymeric waxes designed for high temperature compression mold release application.

EMULSOL can be easily diluted with demineralized water to a solid level that best suits the molding requirements, usually between 10-15 times dilution with demineralized water.

EMULSOL is a conventional mold release and must be applied before every molding cycle.

EMULSOL has shown excellent results when used at molding temperatures between 140 deg C and 205 deg C. As a conventional release, **EMULSOL** must be applied only by spray for best results.

RECOMMENDED USE

Phenolic Resin Molding : All types of rigid/rubberised molding

Compression Molding : Compounded wood fiber, Asbestos, Aramid, Glass, Rockwool and Rigid/flexible plastic molding.

APPLICATION OF PRODUCT

1. Thoroughly clean the mold with a suitable solvent or detergent to remove any previous release agent or other buildup. Wipe dry with a clean cloth or towel. Then wipe with a chlorinated solvent or naphtha and let air dry.

2. Use conventional spray equipment (air-assisted or airless) and hold spray tip 10" to 18" from the mold surface.
3. Apply two even coats of **EMULSOL** over the entire tool surface. Allow the water to evaporate before placing molding parts.
4. Reapply an event coat over the entire tool after every shot to insure subsequent release ease.
5. The tool/mold surface should be Hard Chrome Plated for best results.

TYPICAL PROPERTIES

Appearance : Off-white liquid

Density, kg/l : 0.99

% Solids : 30

Storage stability: 6 months (unopened container)

Store at 25-35 deg. C temperature; keep away from freezing. Keep containers tightly sealed to prevent evaporation and/or contamination.

HANDLING

EMULSOL is non-hazardous when used as intended.

PACKAGING

EMULSOL is available in 50, 100 and 200 liter containers.

INDIAN FRICTION MATERIAL ENGG. CO.

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