

EPX-2 Primer Coat

Introduction: EPX-2 Primer is a solution of synthetic polymer resins in toluene/cyclohexane. This primer is recommended as an adhesion promoter before printing on tape surfaces that has been previously release coated. In addition, product improves adhesion on untreated or corona treated polypropylene film.

Material Description: Varnish/aromatic hydrocarbon Primer Coat

Chemical Name: Ethylene vinyl acetate/chlorinated polypropylene polymer in cyclohexane and toluene

Empirical Formula:

Varnish Polymer:	$[C_4H_6O_2]_n / [C_3H_5]_nCl$
Cyclohexane:	C_6H_{12}
Toluene:	C_7H_8

CAS #:

Varnish Polymer:	Proprietary blend
Cyclohexane:	110-82-7
Toluene:	108-88-3

Molecular Weight:

Varnish Polymer:	Proprietary blend
Cyclohexane:	84
Toluene:	92

Physical Properties:

Dry Solids:	4.5%
Solvent:	Toluene/Cyclohexane
Viscosity:	Approx. 300 cps at 20°C

Applications: EPX-2 Primer has been developed for printing on OPP pressure sensitive adhesive tapes with a release coat. It is compatible with commercially available tape printing machinery.

It can be thinned with toluene and must be applied to the backside of standard PP slit tape on a printing machine. Application quantities should be 4-5 g/m². EPX-2 Primer should be applied to the film with an Anilox or Gravure roller and thoroughly dried before ink is applied at the printing station.

Use of printing machines with three coating units is recommended to avoid drying problems and to enable the primer to be applied in line during production.

EPX-2 Primer is compatible with Mayzo's RA-95H, RA-95HS and RA-10 series release coats.

Packaging: EPX-2 Primer is available in 33 pounds (5 gallon) DOT approved steel pails.

Storage: This product is a flammable liquid. Store in sealed containers in approved flammable storage areas. Avoid open flame, sparks, and high heat during use. Do not breathe vapors

**Toxicity &
Safety:**

This material is not intended for use in products for which prolonged contact with mucous membranes or abraded skin, or implantation within the human body is specially intended, unless the finished product has been tested in accordance with the Food and Drug Administration and/or other applicable safety testing requirements. Because of wide range of such potential uses, Mayzo, Inc. is not able to recommend this material as safe and effective for such uses and assumes no liability for any such uses. Read and understand the Material Safety Data Sheet before using or handling this product.

FDA Regulations:

This product has not been tested for clearance by the FDA for use as an indirect food additive in food packaging and/or other applications. Contact your Mayzo representative if FDA clearance is needed.

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