



Ultralease EPX GP Epoxy Parfilm

AEROSOL

DESCRIPTION

Ultralease EPX GP is a semi-permanent, solvent-based release agent formulated expressly for epoxy and thermoset resins and plastics. After application, Ultralease EPX rapidly dries at room temperature to a micro-thin and durable parting-film that will not transfer to product or inhibit post-mold painting or bonding. Repeated usage seals and protects mold without build-up.

Features

- Rapid air drying and curing at room temperature, can be further accelerated with heat
- Heat stable to 600F
- Little or no interference with painting, coating or bonding
- In most cases, a single application provides release through numerous molding cycles
- Seals and protects mold and yields longer life
- NO Chlorinated Solvents, NO Class I or Class II Ozone Depleting Substances

Recommended Materials

- Epoxy resins, Epoxy molding compounds, phenolic resins, epoxy-based fiberglass and thermoset plastics
- Thermosets: Alkyds (Polyester), Amino (Urea/Melamine), Epoxies, Phenolics, Polyimides, Silicone

Recommended Processes

Blow molding, Compression molding, Injection molding, Rotational molding, Extrusion

Packaging

Available in a 12 ounce aerosol, pressurized cylinder, and as a solvent-based liquid.

DOT Shipping

UN 1950, 2.1, Aerosols, Flammable

TECHNICAL DATA

UNIT PACKAGE	16 OUNCE AEROSOL
UNIT WEIGHT	12 OZ.
BASE	ALKYLARYL SILOXANE
CARRIER	SOLVENT
PROPELLANT	HFC
COLOR	CLEAR, COLORLESS
ODOR	SLIGHT ETHEREAL
SPECIFIC GRAVITY	0.909
VAPOR PRESSURE	72 PSIG
FLAMMABILITY	GHS CATEGORY 2
FLASH POINT	NOT DETERMINED
ODP	NONE
GWP	VERY LOW
VOC %	29
VOC LBS/GAL	1.59
SHELF LIFE	2 YEARS

HOW TO USE

1. Cleaning

Clean mold surface thoroughly. Mechanical cleaning followed by chemical cleaning provides the best surface for application. Removal of all previous mold release agent is critical.

2. Application

Shake can lightly and hold approximately 6-8 inches away from mold. Apply a light coat of release agent.

Thick films do not give good release and may even cause sticking. Difficult release may also result from uneven dispersion or failure to wet surfaces completely. This may be corrected by rubbing out the release material until a thin, dry film is obtained.

After application, allow the mold surface to dry until completely free of diluent.

3. Cure

Ultralease EPX will dry and cure rapidly at room temperature. Although not essential, heating the mold for 5–10 minutes at 93–204°C (200–400°F) will speed this process, improving release and durability of the parting film.

4. Frequency of application

When release becomes hesitant, immediately reapply a single light coat. Spot touch-ups can be performed on high wear or difficult areas.

Frequency of application for optimum release should be established by small-scale trial runs under actual operating conditions before use in operation.

5. Finishing

Ultralease EPX will not interfere with post-mold painting or bonding under most conditions. For optimum performance, components should be cleaned prior

to subsequent coating or bonding applications. Typically, routine solvent cleaning of the surface is all that is required.

STORAGE, HANDLING AND DISPOSAL

Store locked up, in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to an approved waste disposal plant. Handle in accordance with good industrial hygiene and safety practice.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Usable Life and Storage

When stored at or below 30°C (86°F) in the original unopened containers, this product has a usable life of 12 months from the date of production.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE FROM YOUR DISTRIBUTOR, OR BY CALLING PRICE-DRISCOLL AT 800-442-3575.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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