

PRODUCT INFORMATION

F-901

Separating Film - Tin Foil Substitute

PRODUCT DESCRIPTION:

F-901 Separating Film is a tinfoil substitute used to form a smooth, glossy, tough separating film on stone models during acrylic and denture-resin processing. The uniform film helps prevent acrylic resin from adhering to the stone surface while supporting close adaptation of the processed resin to the model.

Applications

For use as a separating medium on stone models during fabrication and processing of acrylic resin and dental/prosthetic appliances. Follow the application procedure below and determine suitability for the specific laboratory process.

Features & Benefits

- Forms a smooth, glossy, tough film on stone models.
- Helps prevent acrylic and denture resins from sticking to stone during processing.
- Uniform film thickness helps maintain close adaptation of acrylic resin to the model.
- Water-miscible formulation.
- Available from Factor II as F-901 Separating Film - Tin Foil Substitute.

TYPICAL PHYSICAL / CHEMICAL INFORMATION

PROPERTY	MANUFACTURER SDS INFORMATION
Physical form	Viscous
Color	Colorless
Odor	Alcohol-like
Water solubility	Fully miscible
Organic solvent content	11.5%
Water content	86.8%
VOC content	7.7%
Flash point	Not applicable
Auto-ignition	Product is not self-igniting
Explosion hazard	Product does not present an explosion hazard

Values above are taken from the Factor II Safety Data Sheet. Properties not reported by the manufacturer are not assigned values in this TDS.

Instructions for Use

Application

- Pour only the amount of F-901 needed for the application into a clean, small dish.
- Do not pour unused F-901 back into the original container.
- Apply F-901 liberally to warm, moist stone surfaces.
- Allow the separating film to dry until it has a smooth, even appearance.
- After the film has dried, proceed with packing or processing the case in the usual manner.

Factor II Processing Guidance

For final mold preparation prior to silicone processing, thoroughly clean the mold surface to remove sanding residue, oils, debris, and other potential contaminants. Apply one thin, even coat of F-901 as the final separating film and avoid excessive buildup. Allow the film to dry completely before introducing silicone.

For traditional gypsum-only molds, Factor II applies F-901 after the mold has been cleaned with boiling water, while the gypsum remains warm and moist. This is consistent with the manufacturer instruction to apply the material liberally to warm, moist stone surfaces; where the manufacturer instructions differ, the manufacturer instructions take precedence.

When MM-100 Epoxy Surface Coat or another mold coating is used, complete the coating manufacturer's cure and surface-preparation requirements before applying F-901. Confirm compatibility and suitability for the specific mold system before production use.

Handling & Storage

- Observe the manufacturer instructions for use and good laboratory hygiene practices.
- Use with adequate ventilation and avoid breathing mist or vapors.
- Avoid contact with eyes and skin.
- Store in the original container and away from foodstuffs.
- Keep unused material clean; do not return dispensed material to the original container.

Safety

The manufacturer SDS classifies F-901 with the signal word DANGER. Refer to the current F-901 Safety Data Sheet before use.

- Fatal if swallowed; harmful if inhaled.
- Causes skin and eye irritation and may cause an allergic skin reaction.
- May cause respiratory irritation, drowsiness, or dizziness.
- Manufacturer SDS states that prolonged or repeated exposure may cause organ damage.
- Use protective gloves and safety glasses and provide appropriate ventilation.

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Technical Data Sheet

F-901

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