



Product Information

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ReleaSys™ 80S Spray Foam Release Coating

Description:

ReleaSys™ 80S is a high-performance, aerosol coating designed to provide exceptional release, ease of cleaning and cost-efficiency to polyurethane and spray foam operators. ReleaSys™ 80S was designed for use on facemasks, goggles, tools, and accessories in the polyurethane mold and foam industries yielding a non-oily, crystal-clear, and easy clean surface. Utilization of a proprietary non-stick, clear coat system, our unique chemistry can be applied directly to surfaces and will assist with easy remove of spray foam overspray and build-up. ReleaSys™ 80S dries instantly upon contact, leaving an ultra-thin, anti-stick coating. ReleaSys™ 80S will not interfere with post-production finishing operation. Benefits of this product include:

- Designed Polyurethane and Spray Foam Operators
- Ultra-Thin, High Performance Clear Coat
- Ideal for application to tools, facemask, and accessories to provide easy clean and anti-fouling
- Immediate Drying; No hazy, No-oily film
- Excellent for release for Polyurethane foam, Epoxy and Plastics

Release Agent Applications:

ReleaSys™ 80S is formulated to provide unmatched utility in lower-temperature compression, injection and transfer molding with the following materials:

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|------------------------|--------------------------------------|
| • Organic Polymer | • Thermoplastics |
| • Thermosetting resins | • Elastomers (Natural and Synthetic) |
| • Fluoroelastomers | • Epoxy |
| • Acrylics | • Polyurethane |
| • Fiberglass and FRP | • EPDM |

Recommended Application Procedure:

1. Clean surface thoroughly. Removal of all previous mold release agent and contamination is critical.
2. ReleaSys™ 80S should be applied via very light, even coat across the surface. It is ideally applied to room temperature surfaces.
3. If excessive application is observed, ReleaSys™ 80S can be lightly buffed to remove excess material.
4. **When applying to face masks, goggles etc. application of a very light coat is critical to prevent blurring.**

5. The surface can be lightly wipe/buffed with a towel or cloth to remove overspray or over application.
6. The coating can also be applied by spraying onto a cloth and wiping onto the surface.

Reapplication:

When release becomes hesitant, immediately reapply one coat of ReleaSys™ 80S in the same manner as described previously. Spot touch-ups can also be done on known high wear or high build-up areas.

Physical Properties:

Primary Polymer:..... Proprietary
Appearance:.....Clear, Straw colored
Odor:.....Hydrocarbon
Specific Gravity:.....0.69 g/mL @ 25°C

Storage and Handling:

ReleaSys™ 80S should be stored in a well-ventilated area which is cool and dry. Do not expose to freezing temperatures. Prior to use, container should be lightly agitated.

ReleaSys™ 80S should not be used at temperatures above 250 °C or near open flames. Chemical breakdown will occur which will result in the generation of toxic fumes. When spraying, avoid inhalation of mist and exposure to skin. Always wash hands after handling.

Shelf-Life

ReleaSys™ 80S has a shelf life of 12 months from the date of shipment.

ReleaSys™ Product Line:

Miller-Stephenson offers a selection of high performance, semi-permanent release systems to meet your mold process needs. All variants of the ReleaSys™ Series will deliver higher productivity, lower rejection rates, and higher quality products.

Safety Data Sheet available upon request.

LIMITATION OF LIABILITY AND REMEDIES: Manufacturer warrants that, at the time of shipment by the Manufacturer, this product is free from defect in material and manufacture. If the product is proved to be defective, the exclusive remedy, at Manufacturer's option, shall be refund of the purchase price or replacement of the defective product, provided written notice of the defect is given no later than one year after the date of shipment by the Manufacturer. Manufacturer shall not otherwise be liable for loss or damages whether direct, indirect, incidental or consequential, regardless of the legal theory asserted, including negligence and strict liability. **Manufacturer expressly disclaims all implied warranties, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. There are no warranties which extend beyond the description on the face hereof.**

For further technical information call 800.992.2424 or 203.743.4447

For product sales: CT 800.442.3424, CA 800.771.8161

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