

# All-Purpose Mold Release



- **High-Purity General-Purpose Silicone Mold Release Agent**
- **Fast-Drying for Quick Cycles**
- **Delivers Exceptionally Smooth, Even Coatings**
- **Solventless Formulation for Maximum Plastic Compatibility**

### General Information

The MRA All-Purpose Mold Release from MicroCare is engineered to deliver smooth, even and consistent coatings during the molding process. It provides maximum in through-put and productivity while balancing environmental, economic and safety concerns.

### Technical Details

Chemical Family	Silicone Based
Appearance	Clear, Colorless Liquid
Aroma	Slight, Ethereal
Viscosity (cSt)	~350
Evaporation	>1 (Ether = 1)

### Health, Safety & Environmental Data

Safety Rating	Nonflammable, per ASTM methods for aerosols
NFPA	Health: 1; Fire: 2; Reactivity: 1
Ozone Impact	Zero

This product has been tested on a wide variety of substrates. No major incompatibilities were observed. Test before prolonged use.

### Packaging

Aerosol	12 oz. / 340 g	MCC-MRA01
---------	----------------	-----------

Packaged in cases of twelve (12) cans per box. Shelf life is unlimited. MSDS sheets are available from MicroCare or on the web.

### Related Products

MicroCare also offers food-grade and medical-grade mold release agents, as well as a dry-film lubricant and mold release, **VDX Dry Lubricant Spray**.

For cleaning molds, MicroCare recommends **VeriClean™**, an exceptional light degreaser and silicone cleaner which speeds the removal of silicone deposits.

Other products include the **TidyPen®** to remove labels, tapes and adhesives, **Precision Optical Cleaner** for cleaning lenses and photonic devices, and lint-free wipes for every sort of cleaning task.

### Product Notes

**AVAILABILITY.** This product is available from MicroCare distributors world-wide. Find your local distributor at [www.MicroCare.com](http://www.MicroCare.com). Contact your local distributor for details on shipping.

**TRADEMARKS.** "MicroCare" and the MicroCare logo are registered trademarks of MicroCare Corp.

**DISCLAIMER.** The information set forth herein is based on data believed to be reliable, but MicroCare makes no warranties express or implied as to its accuracy and assumes no liability arising out of its use by others. This publication is not to be taken as a license to operate under, nor to infringe upon, any patents not herein expressly described.

### About the Product

The MRA All-Purpose Mold Release is a versatile, cost-effective solventless formulation engineered for use on solvent-sensitive plastics. The release has a very low viscosity, so the lubricating film enhances the molding of even the finest details. The product lays up quickly, which reduces cycle times by eliminating lost time waiting for solvent carriers to evaporate. It will not affect plastics.

MRA is a nonpaintable silicone-based release agent. Engineered for typical injection molding processes, it also is suitable for stamping, vacuum-forming, RIM, compression, extrusion, casting and lay-up operations. Plastic-compatibility is a strength for this formulation, and it is ideal for use with ABS, resins, acetyls, melamines, methacrylates, nylon, polyethylene, polycarbonate, polystyrene, polypropylene, polyurethane, and natural and synthetic rubber.

MicroCare specializes in performance-enhancing packaging and this aerosol benefits from this expertise. The canister nozzle is engineered to dispense a finely-atomized, even mist onto the mold surface. This creates a thin barrier of siliconized release agent which allows increases in productivity and profits with faster shot cycle times and fewer rejects.

## MicroCare Corporation

595 John Downey Drive, New Britain, CT 06051 USA  
 Tel: 860.827.0626 Fax: 860.827.8105  
 In North America, Dial: 800.638.0125  
 Email: [TechSupport@MicroCare.com](mailto:TechSupport@MicroCare.com)  
 On the Web: [www.MicroCare.com](http://www.MicroCare.com)

MicroCare is  
 ISO 9001:2000  
 Registered

# MicroCare

