



I. Product Description

CRC Food Grade Silicone Mold Release contains the same high quality ingredients as CRC General Purpose Silicone, except it is formulated to be used for light-duty applications where post-mold painting is not required. This product has a light duty silicone content (3%) and is a rapid dry, anti-stick mold release agent suitable for cold and hot molds. **CRC Food Grade Silicone Mold Release** prevents sticking, which increases the life of dies and molds, improves product surface finishes, and reduces production times.

II. Applications

Excellent for use in injection and compression molding of ABS, acetyl, acrylic, Noryl[®], nylon, polycarbonate, polystyrene, polysulfone, rubber and wax. Also for use in blow molding, extruders, foundries and investment castings.

III. Features & Benefits

- **NSF M1 Registered** for use as a release agent on food packaging.
- **Prevents Sticking** to increase the life of dies and molds, improve product surface finishes and reduce production times.
- **Rapid Dry**, anti-stick mold release agent suitable for cold and hot molds.
- **Effective Lubrication** up to 600°F.
- **3% Solids** provide excellent lubrication for light-duty applications.
- **Colorless, Odorless**, non-staining, non-corrosive.
- **Does not contain CFCs, ODPs** or chlorinated solvents.
- **Meets FDA Regulation 21 CFR 175.300** (release agent) and 21 CFR 178.3570 (lubricant, incidental food contact).
- **Meets 1998 USDA Guidelines** for use in meat and poultry plants.

IV. Physical Properties

Flash Point	ND	Boiling Point	ND
Odor	Slight ethereal odor	Freezing Point	<-50°F
Appearance	Clear, oily liquid	Solubility	Neg. in water
Vapor Density	ND	VOC %	59.6%
VOC Pressure	ND	Specific Gravity	.752
VOC Content (Fed)	448 g/L	Propellant	Blend of DME & 152a
Sara Title III, Sect. 313 Chemicals	No		
Prop 65	No		

V. Specifications and Approvals

- NSF Registration #145684, category code M1.
- Meets FDA Regulation 21 CFR 175.300 (release agent) and 21 CFR 178.3570 (lubricant, incidental food contact).

VI. Performance Characteristics

Evaporation Rate	Very fast
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VII. Directions

- For best results do not over-spray.
- Apply a light, even film to mold surface as needed when sticking occurs.
- To avoid marked parts, do not over apply. Excessive application will not improve the release properties.
- Hold can 10" to 12" from mold surface.
- For improved cycles per application, use CRC Heavy Duty Silicone Mold Release part# 03302.
- Meets FDA regulations when no more than 10 ppm is applied.
- Do not spray directly on plastics.

VIII. Package Description

Part Number	Container Size
03301	16 oz Aerosol

IX. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local, state and federal regulations.

X. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 120°F. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

General

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapor and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product's Material Safety Data Sheet.

DISCLAIMER: This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.