



I. Product Description

CRC Universal Mold Release is suitable for most applications where post-mold parts need to be painted, stenciled, glued, bonded, laminated, hot stamped or metalized. This product is a rapid dry, anti-stick mold release agent suitable for cold and hot molds. **CRC Universal 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, acetal, acrylic, Noryl[®], nylon, polycarbonate, polyethylene, polypropylene, polystyrene, polysulfone, PVC and rubber.

III. Features & Benefits

- **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.
- **Completely Compatible** with secondary operations where parts must be painted, stenciled, glued, bonded, laminated, hot stamped or metalized. (No special cleaning required before part decoration.)
- **Compatible** with certain requirements for molding medical products.
- **4.5% Solids** provide superior lubrication up to 600°F.
- **Biodegradable, Odorless, Non-Flammable**, non-staining and non-corrosive.
- **Does not contain CFCs, ODPs**, or chlorinated solvents.
- **Meets FDA Regulation 21 CFR 184.1521** as a direct food additive.

IV. Physical Properties

Flash Point	ND	Boiling Point	ND
Odor	Mild	Freezing Point	<-50°F
Appearance	Colorless liquid	Solubility	Neg. in water
Vapor Density	ND	% Volatile	96%
VOC Pressure	ND	Specific Gravity	1.0 @ 70°F
VOC Content (Fed)	472 g/L	Propellant	Blend DME/134a
Sara Title III, Sect. 313 Chemicals	No		
Prop 65	No		

V. Specifications and Approvals

- Meets FDA Regulation 21 CFR 184.1521 as a direct food additive.

VI. Performance Characteristics

ASTM D-1130 (KB Value)	129
ASTM D-877 (Dielectric Strength)	36,700 volts
ASTM D-56 (Flash Point)	None
Evaporation Rate	Very fast

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.
- Hold can 10" to 12" from mold surface.

VIII. Package Description

Part Number	Container Size
03305	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.

IX. 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.