



I. Product Description

CRC Zinc Stearate Mold Release is a dry, light, water repellent powder that is economical to use and gives better finishes on post molded parts that will be painted, stenciled, glued, bonded, laminated, hot stamped or metalized. **CRC Zinc Stearate Mold Release** is also a rapid dry, anti-stick mold release agent suitable for cold and hot molds.

II. Applications

Excellent for use in injection and compression molding of rubber, polypropylene, polysulfone, ABS, acetal, acrylic, epoxy and phenolic resins, Noryl[®], nylon, polycarbonate, polyester, polyethylene and polystyrene. Also for use in powdered metal forming and ceramic molding.

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 designed for cold molds and injection molding where clarity and deep draw are important.
- **Dry, Lubricating Film** repels water and does not pick-up dust or dirt .
- **Completely Compatible** with secondary operations where parts must be painted, stenciled, glued, bonded, laminated, hot stamped, or metalized. (No special cleaning is required before part decoration.)
- **3% Solids** provide effective lubrication up to 600°F.
- **Does not contain CFCs**, or silicones.

IV. Physical Properties

| | | | |
|--------------------------------------------|-------------|-------------------------|------------------------------|
| Flash Point | ND | Boiling Point | ND |
| Odor | Mild | Freezing Point | <-50°F |
| Appearance | With liquid | Solubility | Neg. in water |
| Vapor Density | ND | % Volatile | 96% |
| VOC Pressure | ND | Specific Gravity | .81 @ 70°F |
| VOC Content (Fed) | 440 g/L | Propellant | Proprietary propellant blend |
| Sara Title III, Sect. 313 Chemicals | No | | |
| Prop 65 | No | | |

V. Specifications and Approvals

- Meets 1998 USDA Guidelines for use in meat and poultry plants.

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 |
|-------------|----------------|
| 03309 | 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.