



## 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

**Name:** ReleaSys™ 8500  
Semi-Permanent Release Agent

**Product Use:** Release Agent for Molds

### **MANUFACTURER/DISTRIBUTOR:**

Miller-Stephenson Chemical  
55 Backus Ave.  
Danbury, Conn. 06810 USA  
(203) 743-4447

**Emergency Phone Number:**  
(800) 424-9300

## 2. HAZARDS IDENTIFICATION

### **Hazard classification**

Not a hazardous substance or mixture according to GHS

### **GHS Label elements:**

#### **Signal word**

None

#### **Pictograms**

None required

### **Precautionary Statements**

Use personal protective equipment as required.

If exposed or concerned: Get medical advice/attention.

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

## 3. HAZARDOUS INGREDIENTS

**Composition Comments:** Aqueous emulsion of polyorganosiloxanes, additives.

## 4. FIRST AID MEASURES

**Inhalation:** Under normal conditions of intended use, this material is not expected to be a hazardous material by inhalation.

**Eye:** Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persist.

**Skin:** Remove contaminated clothing and shoes. Wipe excess material off skin and a dry cloth. Wash immediately with plenty of soap and water.

**Oral:** If swallowed, DO NOT induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** None

**Extinguishing Media:** This product does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, alcohol resistant foam or CO<sub>2</sub>.

**Special hazards arising from the substance or mixture:** Hazardous Decomposition Products: formaldehyde, oxides, or carbon and silica.

**Special Fire Fighting Instruction:** Water spray should be used to cool containers. Wear suitable protective equipment. Self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.

**Environmental precautions:** Do not allow to enter drains, sewers watercourses.

**Methods and material for containment and cleaning up:** Surfaces contaminated with the product will become slippery. Absorb with inert material. Do not allow product to enter sewer or waterways. Clean area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

**Handling:** Provide adequate ventilation if fumes or vapors are generated.

**Storage Conditions:** Store in tightly closed original container in a dry, cool and well-ventilated place,

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits:

**Respiratory Protection:** If ventilation is insufficient, suitable respiratory protection must be provided.

**Eye Protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection:** Protective gloves are recommended.

**Environmental Exposure Controls:** None of the components have assigned exposure limits.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** approx. 212°F/100°C

**Density:** 1.00 g/cc

**Vapor Density (Air=1):** No data available

**pH Information:** 4 - 8

**Form:** Liquid

**Color:** White

**Percent Volatile by Volume:** 97 – 98 %

**Vapor Pressure:** No data available

**Solubility in H<sub>2</sub>O :** Soluble

**Evaporation Rate (CC14=1):** No data available

**Appearance:** Milky liquid

**Odor:** Slight

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable.

**Material and Conditions to Avoid:** Strong oxidizers, strong acids, and strong bases.

**Hazardous decomposition products:** Thermal decomposition may liberate oxides of carbon and amorphous silica.

**Possibility of Hazardous Reactions:** None

## **11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:**

**Oral:** No data available.

**Dermal:** No data available.

**Inhalation:** No data available.

**Repeated Dose Toxicity:** No data available.

**Skin Corrosion/Irritation:** No data available.

**Serious Eye Damage/Eye Irritation:** No data available.

**Respiratory or Skin Sensitization:** No data available.

**Carcinogenicity:** No data available.

**Germ Cell Mutagenicity:**

**In vitro:** No data available.

**In vivo:** No data available.

**Reproductive Toxicity:** No data available.

**Specific Target Organ Toxicity – Single Exposure:** No data available.

**Specific Target Organ Toxicity – Repeated Exposure:** No data available.

**Aspiration Hazard:** No data available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

**Acute hazards:** No data is available on this product.

**Chronic hazards:** No data is available on this product.

**Persistence and Degradability:** No data available on this product.

**Bioaccumulative Potential:** No data is available on this product.

**Mobility of Soil:** Not data is available on this product.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:** In accordance with local and national regulations.

**Environmental Hazards:** Empty containers can be sent for disposal or recycling.

## 14. TRANSPORT INFORMATION

### U.S. DOT

Not Regulated

### IATA

Not Regulated

### IMDG

Not Regulated

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

**TSCA:** On or in compliance with the inventory.

## 16. OTHER INFORMATION

### FOR INDUSTRIAL USE ONLY

**REVISION DATE: MAY 2021**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user.