



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: ReleaSys™ 8500-X8
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 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements:

Signal word

None

Pictograms

None required

Precautionary Statements

Wash hands and exposed skin thoroughly after handling.

If exposed or concerned: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. 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 CO₂.

Special hazards arising from the substance or mixture: Hazardous Decomposition Products: Carbon oxides, silicon oxides, nitrogen oxides, ammonia.

Special Fire Fighting Instruction: Water spray should be used to cool containers. Wear suitable protective equipment. Self-contained breathing apparatus. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Evacuate personnel to safe area. Avoid contact with skin, eye or clothing. Use personal protective equipment.

Environmental precautions: Do not allow to enter drains, sewers watercourses. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up: Surfaces contaminated with the product will become slippery. Absorb with inert material. Transfer to a suitable container for disposal. Clean area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Storage Conditions: Store in tightly closed original container in a dry, well-ventilated place. Store away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Provide adequate ventilation. 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: Avoid release into the environment.

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: Not available

Vapor Pressure: No data available

Solubility in H₂O : Soluble

Evaporation Rate (CC14=1): No data available

Appearance: Milky liquid

Odor: Slight

10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical Stability: Stable under normal conditions.

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

Hazardous decomposition products: Thermal decomposition may liberate oxides of carbon, nitrogen oxides, silicon oxides and ammonia.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

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

Aquatic toxicity: The product contains materials that are harmful to the environment.

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.

Results of PBT and VPVB assessment: 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: All ingredients are listed in TSCA inventory.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpart D): Not regulated.

SARA 313 (TRI reporting): No ingredients are listed

16. OTHER INFORMATION

NPCA-HMIS Ratings:

Health - 1

Flammability - 0

Physical Hazard - 0

Personal Protective rating to be supplied by user depending on the conditions.

FOR INDUSTRIAL USE ONLY

REVISION DATE: July 22, 2025

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