



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: ReleaSys™ 85
Semi-Permanent Mold Release Agent

Product Use: Semi-Permanent Mold Release Agent

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.

Pressurized container: Do not pierce or burn, even after use

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Store in a well-ventilated place.

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

Flammability: This product is not flammable.

Test Method: Ignition distance test and Enclosed space ignition test

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: 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: Do not store near sources of heat, in direct sunlight or where temperatures exceed 120°F/49°C.

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: Aerosol

Color: White

Percent Volatile by Volume: 97 – 98 %

Vapor Pressure: No data available

Solubility in H₂O : Soluble

Evaporation Rate (CC14=1): No data available

Appearance: Milky

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

Proper Shipping Name: Consumer Commodity

Hazard Class: ORM-D

Identification No. None

Packing Group: None

IATA

Proper Shipping Name: Aerosols, Non-Flammable

Hazard Class: 2.2

Identification No. UN1950

Packing Group: None

IMDG

Proper Shipping Name: Aerosols, Non-Flammable

Hazard Class: 2.2

Identification No. UN1950

Packing Group: None

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA: On or in compliance with the inventory.

16. OTHER INFORMATION

FOR INDUSTRIAL USE ONLY

REVISION DATE: AUGUST 2016

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.