

SSI-90 -- RELEASE AGENT

Section 1. Supplier Information

CMI Chemical Corporation
12336 Emerson Drive
Brighton, MI 48116
(248) 587-5600
Emergency Telephone: 1-800-424-9300

Section 2. Hazardous Ingredients

<u>Hazardous Component(s)</u>	<u>CAS #</u>	<u>PEL TWA</u>	<u>PEL Ceiling</u>	<u>TLV TWA</u>	<u>TLV STEL</u>	<u>MFG Limits</u>	<u>WGT %</u>
Silicone, amine functional	71750-80-6	N/E	N/E	N/E	N/E	N/E	< 5

N/A = Not Applicable; N/E = Not Established; * = Mists; # = Skin; ' = Respirable Dust; " = Total Dust; ^ = Vapor; ** = Fumes; C = Ceiling Limit

All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substances List (DSL), or are exempt from the listing.

Section 3. Hazards Identification

<u>Primary Routes of Entry</u>		<u>Hazardous Materials Information System (HMIS) Ratings</u>		
Inhalation:	YES	Health:	1	0 = Minimal
Skin:	NO	Fire:	0	1 = Slight
Ingestion:	YES	Reactivity:	0	2 = Moderate
				3 = Serious
				4 = Severe
				* = Chronic Hazard

Signs of Symptoms of Exposure:

INHALATION: No effects of exposure expected. At very high concentrations only, this product may cause headache, nose and throat irritation, nausea and/or mental confusion.

SKIN: Prolonged or repeated contact can cause irritation.

EYES: Minimally irritating to the eyes. High vapor concentrations may be irritating.

INGESTION: Ingestion of this product may result in vomiting. Aspiration (breathing) of vomitus into the lungs must be avoided, as even small quantities may result in aspiration pneumonitis.

Chemical Listed as Potential Carcinogens:

NTP: NO

IARC: NO

OSHA: NO

Target Organs: None known.

Section 4. Emergency And First Aid Procedures

INHALATION: If adverse effects such as dizziness, nausea, or irritation are noted, move person to fresh air. If not breathing, give artificial respiration. Get medical attention!

SKIN: Immediately wash skin with large amounts of soap and water. Remove contaminated

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clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.

EYES: Flush eyes immediately with water for at least 15 minutes. If irritation persists, call a physician.

INGESTION: DO NOT INDUCE VOMITING! Contact a physician immediately!

Section 5. Fire Fighting Measures

Flash Point: None to boiling. Method Used: Pensky-Martens Closed Cup

Flammable Limits in Air % by Volume: LEL: N/A UEL: N/A

Extinguisher Media: Water fog, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Wear a self-contained breathing apparatus when fighting fire in an enclosed area.

Unusual Fire And Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited at locations distant from handling point.

Section 6. Accidental Release Measures

If material is spilled, absorb with sand, earth, or similar inert material. Place in closed, labeled containers for proper disposal.

CERCLA (Superfund) Reportable Quantity (in lbs None

Section 7. Handling and Storage

Handling: Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation.

Storage: KEEP FROM FREEZING! Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels.

Other: Do not reuse container without recycling or reconditioning. Handle empty containers as if they were full.

Section 8. Exposure Controls and Personal Protection

Respiratory Protection: Not required under normal conditions of use.

Local Exhaust: None normally required. Local exhaust may be needed under special circumstances such as poorly ventilated areas, evaporation from large surfaces, spraying, heating, etc.

Mechanical Exhaust: Mechanical ventilation should be sufficient to maintain exposure levels below exposure limits.

Protective Gloves: Wear chemical resistant gloves.

Eye Protection: At a minimum, wear safety glasses with side shields.

Other Protection: Eye wash and safety shower should be readily available.

Hygienic Practices: Protective equipment and clothing should be selected, used and maintained according to applicable standards and regulations. For further information, contact the clothing or equipment manufacturer. Do not eat, drink, or smoke while using this product. Wash hands prior to eating, drinking, smoking, or using restrooms. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of the work shift.

Section 9. Physical and Chemical Properties

Boiling Point: 212 °F

Degree of water solubility:

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Specific Gravity (H ₂ O=1):	0.96-0.97	Degree of water solubility: Negligible = Less than 0.1% Slight = 0.1% - 1% Moderate = 1% - 10% Appreciable = More than 10% Complete = 100%
Vapor Pressure (mm Hg):	Similar to water.	
Vapor Density (air=1)	Similar to water.	
Solubility in Water:	Complete.	
Reactivity in Water:	None.	
Weight per Gallon (lb/gal):	7.9 - 8.1 lbs/gal	
% Volatile by Volume:	100%	
% Solid by Weight:	0 %	
Appearance and Odor:	Opaque, white fluid with a mild odor.	
Theoretical VOC: (>0.1 mm Hg @ 20 ° C)	0 lbs/gal	
Analytical VOC : (EPA method 24)	N/E	
pH:	8.0-11.0	

Section 10. Stability and Reactivity

Stability: Stable. Hazard Polymerization: Will not occur.
Conditions to Avoid: Do not freeze or expose to extreme heat.
Incompatibility (Materials to Avoid): Materials that react with water.
Hazardous Decomposition Products: Silicon oxide and oxides of carbon.

Section 11. Toxicological Information

Silicone, amine functional [CASRN 71750-80-6]

ACUTE TOXICITY Inhalation LC50 (rat) = 4 mg/L / 4 hr (estimated*)

*Toxicological testing of similar products in 1994: Two groups of five male and five female albino Sprague Dawley rats were exposed for 4 hours, using whole-body exposure methods, to aerosol concentrations of 1.2 and 1.9 mg/L. If concentrations higher than 1.9 mg/L could be generated and extrapolating upward from the two available data points, the 4 hour LC50 would be approximately 4 mg/L. [6-6,15,F,A,0,12,18,4-120397]

Section 12. Ecological Information

Section 13. Disposal Considerations

Waste Disposal Methods (Federal, State, Local):
In accordance with all federal, state and local requirements.
RCRA Hazardous Waste Number: N/A

Section 14. Transport Information

Hazardous Material Description:
(Proper shipping name, hazard class, hazard ID#, packing group)
Domestic ground non-bulk: NOT REGULATED
Domestic ground bulk: NOT REGULATED
International: NOT REGULATED

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Section 15. Regulatory Information

SARA 313 Information This product contains the following chemical(s) above de minimis concentrations and may be subject to reporting under section 313:

N/A

Section 16. Other Information

This MSDS contains revisions in the following sections: New format

Prepared by: Debra Shaughnessy Regulatory & Safety Coordinator

Revised by: Andrew J. Thomas Chemist

The development of this Material Safety Data Sheet (MSDS) relies upon information provided to us by each of our raw material suppliers. This MSDS will be updated as changes occur to their MSDS(s).

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damage, direct or indirect, as a result of their use.