

# MATERIAL SAFETY DATA SHEET\*

26/SI12G

## SIL-MOLD SI-12

\*Also referred to as a Product Safety Information Sheet

NE = Not Established

NA = Not Applicable

This Material Safety Data Sheet (MSDS) meets the requirements of the federal OSHA Hazard Communication Standard (29 CFR 1910.1200).

### I. IDENTIFICATION

MANUFACTURER'S NAME: Synair Corporation

ADDRESS: P.O. Box 5269, Chattanooga, Tennessee 37406-0269

EMERGENCY PHONE NUMBER: (615) 698-8801

**TRANSPORTATION EMERGENCY PHONE NUMBER: CHEM TREC 1-800-424-9300**

PRODUCT/TRADE NAME: SIL-MOLD SI-12

GENERIC NAME & SYNONYMS: RTV Silicone

CHEMICAL FAMILY: Polysiloxane

COMPONENT: Part A (Base)

### II. HAZARDOUS INGREDIENTS

<u>MATERIAL</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>IARC, NTP, OTHER LISTING</u>
Polydimethylsiloxane, hydroxy terminated (CAS No. 70131-67-8)	40-45	NE	NE	No
Dimethyl Polysiloxane (CAS No. 63148-62-9)	25-30	NE	NE	No
Silica, Amorphous, precipitated (CAS No. 112926-00-8)	25-30	6 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	No
Sodium Sulfate (CAS No. 7757-82-6)	1-3	NE	NE	No
Titanium Dioxide (CAS. 13463-67-7)	0.1-1.0	15 mg/m <sup>3</sup> dust 5 mg/m <sup>3</sup> resp	10 mg/m <sup>3</sup> dust	No

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### III. PHYSICAL DATA

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BOILING POINT (°F):	More than 500°F
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.1
VAPOR PRESSURE (MMHG.):	Negligible
PERCENT VOLATILE BY VOLUME (%):	Less than 2
VAPOR DENSITY (AIR = 1):	NE
EVAPORATION RATE (ETHER = 1):	Less than one
SOLUBILITY IN WATER:	Insoluble
VOLATILITY @ 75°F:	Negligible
APPEARANCE AND ODOR:	White paste, low odor

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### IV. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED):	More than 300°F, (Closed Cup)
FLAMMABLE LIMITS:	Lel.....NE Uel.....NE
EXTINGUISHING MEDIA:	Carbon dioxide, foam, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES:	None known.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.

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### V. REACTIVITY DATA

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STABILITY: Stable.	Conditions to Avoid: None known.
INCOMPATIBILITY (MATERIALS TO AVOID):	None known.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Oxides of silicone and carbon are formed by fire or thermal decomposition.
HAZARDOUS POLYMERIZATION: Will Not Occur.	Conditions to Avoid: None known.

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**VI. HEALTH HAZARD DATA**

PRIMARY ROUTE(S) OF ENTRY:	Inhalation No	Skin Yes	Ingestion No, if handled properly
CARCINOGENICITY:	NTP No	IARC No	OSHA No
SIGNS AND SYMPTOMS OF EXPOSURE: HEALTH HAZARDS (ACUTE AND CHRONIC):	Contact with liquid may cause mild skin and eye irritation.		
EMERGENCY AND FIRST AID PROCEDURES:	INHALATION: Does not apply. SKIN CONTACT: Wash with soap and water. EYE CONTACT: Flush eyes with water for at least 15 minutes and obtain medical attention.. INGESTION: Do not induce vomiting. Keep individual calm. Obtain medical attention.		

**VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	Wipe, scrape or soak up in an inert absorbent and put in a container until disposal.
WASTE DISPOSAL METHOD:	Incinerate following EPA, state and local regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Avoid prolonged skin contact. Keep away from eyes.

**VIII. CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE):	None required.
VENTILATION:	Local ventilation may be desired for prolonged use in confined area.
PROTECTIVE GLOVES:	Rubber or plastic gloves.
EYE PROTECTION:	Safety glasses or goggles.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Protect all exposed skin from liquid contact.
WORK/HYGIENIC PRACTICES:	Wash thoroughly after handling.

**IX. REGULATORY INFORMATION**

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Sodium Sulfate	7757-82-6	1-3%

