



# GE Silicones

## MATERIAL SAFETY DATA SHEET

LSR 2070 A - drum (200l-200kg)

Trade Name **Silicone Rubber Compound - Component A**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Manufactured By** GE Bayer Silicones GmbH & Co. KG  
 Bayer Werk Building V7  
 Leverkusen 05 51368  
**Revised:** 03/10/2004  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**Chemical Family/Use:** Silicone Rubber  
**Formula:** Mixture  
**CHEMREC** 1-800-424-9300

#### HMIS

Flammability	1	REACTIVITY	0	Health	0
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#### NFPA

Flammability	1	REACTIVITY	0	Health	1
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS REG NO.	WGT. %
<b>A. HAZARDOUS</b>		
<b>B. NON-HAZARDOUS</b>		
VINYLPOLYDIMETHYLSILOXANE	68083-19-2	60 - 90 %
Treated Filler	68909-20-6	10 - 30 %
Water	7732-18-5	1 - 5 %
DIMETHYL, METHYVINYL SILOXANE,-DIMETHYLVINYL- TERMINATED	68083-18-1	1 - 5 %

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

CAUTION! May cause eye irritation. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C(300 F). See Section 3 of MSDS for details.  
liquid translucent Faint

#### POTENTIAL HEALTH EFFECTS



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#### **INGESTION**

None known.

#### **SKIN**

None known.

#### **INHALATION**

None known.

#### **EYES**

May cause mild eye irritation.

#### **MEDICAL CONDITIONS AGGRAVATED**

None known.

#### **SUBCHRONIC (TARGET ORGAN )**

None known.

#### **CHRONIC EFFECTS / CARCINOGENICITY**

This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

#### **ROUTES OF EXPOSURE**

Eyes

#### **OTHER**

Attention: Not for injection into humans. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for formaldehyde is available from GE Silicones.

### **4. FIRST AID MEASURES**

#### **INGESTION**

Do not induce vomiting. If victim is conscious, give 2-4 glasses of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

#### **SKIN**

Wash off with soap and water.

#### **INHALATION**

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.





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**4. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Showers Eyewash stations Exhaust ventilation

**RESPIRATORY PROTECTION**

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. A NIOSH/MSHA approved respirator with an organic vapor cartridge is generally acceptable. Supplied air respirators may be required for high vapor concentrations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 1910.134).

**PROTECTIVE GLOVES**

Cloth gloves.

**EYE AND FACE PROTECTION**

Safety glasses

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

<u>Chemical</u>	<u>CAS REG NO.</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>Supplier</u>
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**5. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT - C &amp; F</b>	230 °C 446 °F
<b>VAPOR PRESSURE (20 C) (MM HG)</b>	
<b>VAPOR DENSITY (AIR=1)</b>	
<b>FREEZING POINT</b>	16 °C 60.80 °F
<b>MELTING POINT</b>	16 °C 60.80 °F
<b>PHYSICAL STATE</b>	liquid
<b>ODOR</b>	Faint
<b>COLOR</b>	translucent
<b>EVAPORATION RATE (BUTYL ACETATE=1)</b>	
<b>SPECIFIC GRAVITY (WATER=1)</b>	ca. 1.13
<b>DENSITY (KG/M3)</b>	ca. 1,130 KG/M3
<b>ACID / ALKALINITY (MEQ/G)</b>	
<b>pH</b>	not applicable
<b>VOLATILE ORGANIC CONTENT (VOL)</b>	
<b>SOLUBILITY IN WATER (20 C)</b>	insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)</b>	Soluble in toluene
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L)</b>	



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**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

WILL NOT OCCUR

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon monoxide carbon dioxide (CO2) formaldehyde Silicon dioxide.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Unknown

**ACUTE DERMAL**

Unknown

**ACUTE INHALATION**

Unknown

**OTHER:**

None

**SENSITIZATION**

**SKIN IRRITATION**

**EYE IRRITATION**

**MUTAGENICITY**

Unknown



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**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGY**

no data available

**CHEMICAL FATE**

no data available

**DISTRIBUTION**

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD**

Disposal should be made in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**Not Regulated if Section is Blank**

**15. REGULATORY INFORMATION**

**US Regulatory Information**

**CERCLA**

**PRODUCT COMPOSITION**

**Chemical**

**CERCLA Reportable Quantity**

**CLEAN AIR ACT**

**CLEAN WATER ACT**

**SARA SECTION 302**



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**SARA (311,312) HAZARD CLASS**  
None

**SARA (313) CHEMICALS**

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**  
D2A VERY TOXIC MATERIALS

**OTHER:**

**SCHDLE B/HTSUS**

**ECCN:**

**CALIFORNIA PROPOSITION 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

**16. OTHER INFORMATION**

**OTHER**

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate..... C = ceiling limit NEGL = negligible EST = estimated NF = none found NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor By-product = reaction by-product; TSCA inventory status not required under 40 CFR part 720.30(h-2) SKN = skin TS = trade secret R = recommended MST = mist ST = short term exposure limit NT = not tested ppm = parts per million ppb = parts per billion .....