MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: R6983-SILICON, 130240

Manufactured for and Distributed by:
ILSCO CORPORATION
4730 Madison Road
Cincinnati, OH 45227-1426

Issued: 04/07/1995 Revision 9 12/4/2012
Emergency Contact: INFOTRAC 1-800-535-5053
International Contact: INFOTRAC 1-352-323-3500
Contact Number: 103492
Date of Preparation: November 13, 2013

Trade Name: **PST-511, Silicone G661**
Product Type: Dielectric Silicone Compound

II. **INGREDIENTS**

CAS #	T % Range	Component
63148-62-9	85-95	Dimethyl Polysiloxane
112945-52-5	5 – 15	Silicon Dioxide

III. **HAZARDS IDENTIFICATION**

Eyes: Contact with eyes during product use may result in mild irritation.
Skin: Contact with skin from a single short-term exposure is not expected to result in irritation. Repeated or prolonged exposure may cause irritation.
Inhalation: No significant effects expected from a single short-term exposure. No known applicable information for long term exposure.
Oral: Repeated ingestion or swallowing large amounts may injure internals.

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO

IV. **FIRST AID MEASURES**

Eye: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention. Obtain medical attention.
Skin: Wash affected area with soap and water. If signs/symptoms persist, get medical attention. No need for first aid is anticipated.
Inhalation: If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.
If Swallowed: If irritation or discomfort occurs, obtain medical assistance.

V. **FIRE FIGHTING MEASURES**

Autoignition Temperature: >300°C
Flash point: >300°C
Flammable Limits (LEL) Not determined
Flammable Limits(UEL) Not determined

Extinguishing Media: On large fires used dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical, or water spray. Water can be used to cool fire exposed containers.

Unsusal Fire and Explosion Hazards: None.

VI. **ACCIDENTAL RELEASE MEASURES**

Environmental precautions: For larger spills, cover drains and build dikes to prevents entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods: Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent. Seal the container.

VII. **HANDLING AND STORAGE**

Handling: Avoid contact with skin or inhalation of mist. See section 8 for personal protection equipment. Practice good personal hygiene to prevent accidental ingestion after handling. Properly dispose of clothing that cannot be decontaminated.

Storage: Store away from oxidizing materials.

VIII. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls: No special local ventilation needed. General ventilation recommended.

Personal Protective Equipment (PPE):

Eyes: Safety glasses recommended.

Skin: Avoid prolonged or repeated skin contact. Wash hands after handling and before eating.

Inhalation: No respiratory protection required.

IX. **CHEMICAL AND PHYSICAL PROPERTIES**

Vapor Pressure	Negligible
Vapor Density	>10 (Air = 1)
Soluble in Water	Insoluble
Specific Gravity	~1.0 g/cm^3
Boiling Point:	>300°C
Volatile Organic Compound %	Negligible
pH	N/A (Insoluble)
Appearance	Translucent paste
Flash Point:	>300°C
Melting Point:	>260°C
Solubility in Water:	Negligible
Evaporation Rate	Negligible
Volatile Content:	Negligible

X. **STABILITY AND REACTIVITY**

Stability:	Stable
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Oxidizing agents.
Hazardous Decomposition:	At elevated temperatures silicon oxides, CO, and CO_2 can form.

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XI. **TOXICOLOGICAL INFORMATION**

Acute Toxicity:	Non-toxic
Skin Sensitization:	Not expected to cause skin sensitization.
Chronic Toxicity:	No know carcinogens, mutagens, or reproductive toxins (CMR) present.

XII. **ECOLOGICAL INFORMATION**

Chemical Fate:
Complete information is not yet available.

Aquatic:

Complete information is not yet available.

XIII.**SPILL AND DISPOSAL PROCEDURES**

Reclaim if feasible. Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of product in a facility permitted to accept chemical waste.

EPA Hazardous Waste Number (RCRA): Not regulated.

XIV. **TRANSPORT INFORMATION**

Class or Type: US DOT, IMO, and IATA: Non-Hazardous

XV. **REGULATORY INFORMATION**

311/312 Hazard Categories:

Fire Hazard:	No
Pressure Hazard:	No
Reactivity Hazard:	No
Immediate Hazard:	No
Delayed Hazard:	No

The components of this product are in compliance with the chemical notification requirements of TSCA.

XVI. **OTHER INFORMATION**

NFPA Hazard Classification:

Health:	1
Flammability:	1
Reactivity:	0
Special Hazards:	None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency personnel to address the hazards that are presented by short-term, acute exposure to material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification:

Health:	1
Flammability:	1
Reactivity:	0
Protection:	B (See PPE section)

Hazardous Material Identification System (HMIS) hazard ratings are designed to inform employees of chemical hazards in the workplace. The ratings are based on inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby 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.