

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Date Prepared: 05-15-10

Product Identifier: **Silicone Grease**

Manufacturers Part # RT910T

General Use: Lubricant

Chemical Family: Silicone Polymers

Manufacturer Refrigeration Technologies (www.refrigtech.com)

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Ph: (800) 869-1407, 714-238-9207 Fax: 714-238-9234

24 HR Emergency Phones: Chem-Tel, Inc. (800) 255-3924; International: (813) 248-0585

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components	CAS#	WEIGHT %	TWA	PEL	STEL	EINECS#
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This product does not contain any reportable hazardous components by OSHA or International Standards. Product is composed of inert silicone polymers.

SECTION 3 - HAZARDOUS IDENTIFICATION

HMIS: H=0, F=0, R=0, S=0

Emergency Overview: Rare Occurrences of Skin Irritation

Potential Health Effects:

EYES: Sticky, Greasy substance, discomfort

SKIN: Usually not a problem

INGESTION: Not considered a health concern except in very large quantities.

INHALATION: Not expected to be a hazard unless heated above 400F/205C

Carcinogenic: No NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 4 - FIRST AID MEASURES:

EYES: Wipe with dry cloth. Flush with water. If irritation persists, call physician

SKIN: Wash off with soap and water.

INGESTION: Drink large amounts of water. Do not induce vomiting. Call physician

INHALATION: Get person to fresh air. Call physician

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

NFPA Hazard Rating: H=0, F=0, R=0, S=0

Flash Point: 570F ASTM D92 COC Flammable Limits: Not Tested LEL: Not Tested UEL: Not Tested

Extinguishing Media: Water, CO2 or Dry Foam Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Hazardous Combustion Products: Silicone Oxides

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with federal, state and local regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 120

F. Store away from oxidizers: Store away from open flame. Keep container closed.

Other precautions: KEEP OUT OF REACH OF CHILDREN

SECTION 8 - EXPOSURE/CONTROL MEASURES

Hazardous Component	NIOSH TWA/STEL	ACGIH TWA/STEL
None	NA/NA	NA/NA

Respiratory Protection: Open all doors and windows. If there is an exposure and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required

Ventilation: Local Exhaust: If available Special: None

Mechanical: If available Other: None

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Other Protective Clothing or Equipment: None

Work Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures.

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SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

Boiling Point: N/A Specific Gravity: 1.03
Vapor Pressure: Not tested pH: NA
Vapor Density: Not tested Evaporation Rate: Not tested
Solubility in Water: Insoluble Appearance and Odor: Translucent, No Odor
Viscosity: Not tested Freeze Point: Not Tested

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Open Flame. Heating above the flash point
Incompatible Materials to Avoid: Do not combine with Oxygen or Strong Oxidizers
Hazardous Decomposition or Byproducts: Silicone Oxides
Hazardous Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS#	EINECS#	LC50 Inhaled	LD50 oral	LD50 dermal
None	NA	NA	NE	NE	NE

Possible effects of exposure are: Slight to None

EYES: No toxic effects

SKIN: No toxic effects

SKIN ABSORPTION: None

INHALATION: If heated to extreme temperatures, excessive inhalation of vapors can cause nasal, respiratory irritation and difficulty breathing.

INGESTION: No toxic effects are expected. In large quantities, discomfort or diarrhea may occur

CHRONIC EFFECTS: None known to occur.

SECTION 12 - ECOLOGICAL INFORMATION

Product is an inert lubricant. None of the components are known to have aquatic toxicity. Always prevent chemicals from entering watercourses, sewer or drain without proper authorization

SECTION 13 - DISPOSAL CONSIDERATIONS

Always follow Federal, State and Local codes before disposal of any chemicals. Consult with an expert in your area on proper disposal methods. Chemicals should never be allowed to enter sewers, watercourses or low areas without proper authorization. Empty containers should be thoroughly rinsed and offered for recycling.

SECTION 14 - TRANSPORTATION INFORMATION

DOT: Not Regulated	Proper Shipping Name: Not Regulated
IMDG: Not Regulated	Proper Shipping Name: Not Regulated
IATA: Not Regulated	Proper Shipping Name: Not Regulated

SECTION 15 - REGULATORY INFORMATION

SARA/CERCLA/313: No reportable ingredients. Not subject to any special reporting.

TSCA: Components are listed on the TSCA Inventory

EINECS: Yes

ADG: Non-Toxic, Non-Flammable

CALIFORNIA PROP 65: No reportable ingredients

CPR: None Listed: "This product MSDS contains all the information required by the CPR."

IDL: None

DSL/NDL: All Ingredients Listed

RISK PHRASE: None

SAFETY PHRASE: S1/2

WHIMIS STATUS: This product does not require hazardous labeling or symbols.

VOC Content: 0 grams/liter

SECTION 16 - OTHER INFORMATION

NSF Registration Number 119842, Non-Food Compound, Category H1

Product may be used in and around food with incidental food contact as per NSF Category H1.

Manufacturer Disclaimer: This information relates to the specific materials designated herein and may not be valid for such materials used in combination with any other material. The information contained in this document is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Date Prepared: 5-15-10

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