

*Material Safety Data Sheet*  
**HT-110 High Temperature  
Silicone Bath Fluid**



Data Prepared: October 15<sup>th</sup>, 2014

**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

Product Name: **HT-110 High Temperature Silicone Bath Fluid**

Provided by: **CLEARCO PRODUCTS CO. INC.,**  
15 York Road  
Willow Grove, PA 19090 U.S.A.

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**Emergency Telephone: CHEM TEL: 1-800-255-3924 (DOMESTIC)**  
**+01-813-248-0585 (INTERNATIONAL)**

General Description: Silicone  
Physical Form: Liquid  
Color: Brown  
Odor: Some Odor

NFPA Profile: Health 0 Flammability 1 Instability/Ractivity 0

Note: NFPA = National Fire Protection Association

**2. HAZARDOUS COMPONENTS**

**Potential Health Effects:**

**Ingestion:** Low ingestion hazard in normal use.  
**Skin Contact:** No significant irritation expected from single short term exposure  
**Inhalation:** No effects expected from single short term exposure  
**Eye Contact:** May cause mild irritation  
**Medical Conditions Aggravated:** None known.  
**Subchronic (Target Organ) Effects:** 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.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

This material contains no hazardous ingredients as defined by 29 CFR 1910.1200.

**4. FIRST AID MEASURES**

**Ingestion:** Rinse mouth with water several times. No harmful acute effects reported.  
**Skin:** No health effects expected. If irritation occurs flush with lukewarm water for 5 minutes. If irritation persists seek medical attention.  
**Inhalation:** No harmful acute effects reported. Ensure supply of air.  
**Eyes:** In case of contact, immediately flush eyes with plenty of lukewarm water for at least 5 minutes. Obtain medical attention if irritation occurs.  
**Note to Physician:** Treat according to person's symptoms and specifics of exposure.

## 5. Fire Fighting Measures

<b>Flash Point:</b>	>600°F (>320°C)(Closed Cup)
<b>Ignition Temp:</b>	Not determined
<b>Flammable Limits in Air-Lower (%):</b>	Not determined
<b>Flammable Limits in Air-Upper (%):</b>	Not determined
<b>Sensitivity to Mechanical Impact:</b>	No
<b>Sensitivity to Static Discharge:</b>	No
<b>Extinguishing Media:</b>	On large fires use dry chemical, foam, or water spray. On small fires use CO2, dry chemical or water spray. Use Water spray to cool fire exposed containers.
<b>Special Fire Fighting Procedures:</b>	Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

## 6. ACCIDENTAL RELEASE MEASURES

### Action to be taken if material is released or spilled:

Contain the spill or leak. Scrape up with cardboard, rags or absorbent material. Final cleaning may require use of steam, solvents or detergent. Place in a suitable container for disposal. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal regulations may apply to releases and disposal of this material as well as those materials employed in the cleanup of releases. You need to determine which federal, state and local laws and regulations are applicable.

## 7. HANDLING & STORAGE

### Precautions to be taken in handling and storage:

Store in clean and cool area. Keep container closed. Keep away from heat, flame or sparks. Avoid contact with eyes and prolonged or repeated skin contact. Do not take internally. For industrial use only. Use with adequate ventilation.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Controls:</b>	General ventilation recommended
<b>Suitable Respirator:</b>	No respiratory protection should be needed
<b>Suitable Gloves:</b>	Handle in accordance with good industrial hygiene and safety practices.
<b>Eye and Face Protection:</b>	Safety glasses. Avoid contact with eyes.
<b>Skin Protection:</b>	Wash hands at meal time and after work. Remove soaked clothing immediately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Brown Liquid
Odor:	Odorless
Specific Gravity	
@25°C:	0.97
Viscosity:	100cS
Boiling Point:	>200°C
Freezing/Melting Point:	Not determined
Vapor Pressure @25 °C:	Not determined
Vapor Density (Air=1):	Not determined
Flash Point:	>600°F (>320°C)(Closed Cup)
Autoignition Temperature:	Not determined
Solubility in Water:	Not Soluble

Note: the above information is not intended for use in preparing product specifications. Contact Clearco Products before writing specifications.

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable  
Hazardous Polymerization: Hazardous polymerization will not occur.  
Materials to Avoid: Strong oxidizing agents  
Conditions to Avoid: Strong oxidizers can cause a reaction  
Hazardous Decomposition Products: Carbon oxides and traces of incompletely burned carbon compounds, Silicon dioxide. Formaldehyde.

## 11. TOXICOLOGY INFORMATION

Special hazard Information on Components  
No known applicable information.

## 12. ECOLOGICAL INFORMATION

### Environmental Fate and Distribution

No available information

### Environmental Effects:

No available information

### Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

## 13. DISPOSAL CONSIDERATIONS

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

### RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material as received, is it classified as a hazardous waste? NO

## 14. TRANSPORT INFORMATION

### DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT Regulations

### Ocean Shipment (IMDG)

Not subject to IMDG code.

### Air Shipment (IATA)

Not subject to IATA regulations

## 15. REGULATORY INFORMATION

**TSCA Status:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### **SARA (311, 312) Hazard Class (40 CFR 370)**

Acute: NO, Chronic: NO, Fire: NO, Pressure: NO, Reactive: NO

### **SARA (313) Toxic Chemicals (40 CFR 372)**

None present or none present in regulated quantities

### **Hazard Rating Systems:**

**HMIS** Flammability: 1; Reactivity 0; Health 0

**NFPA** Flammability: 1; Reactivity 0; Health 0

**California Proposition 65:** This product contains chemicals known to the state of California to cause cancer, birth defects, or reproductive defects: None

#### **16. OTHER INFORMATION**

Prepared by: Clearco Products Co Inc.

These data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied is hereby made as to its accuracy, reliability or completeness. The recommended industrial hygiene and safe handling procedures are generally applicable. However it is the user's responsibility to satisfy himself as to the suitability and completeness of such 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. Nothing herein shall be construed as a recommendation for uses which infringe valid patents.