

CLEARCO PRODUCTS

Material Safety Data Sheet

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

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Manufactured for:

CLEARCO PRODUCTS CO., INC
3430-G PROGRESS DRIVE
Bensalem, PA 19020
Phone: (215) 639-2640

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

Date Prepared: 10/1/2010

MSDS No. 01003305

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. OSHA HAZARDOUS COMPONENTS

None Present. This is not a hazardous material as defined in the OSHA Hazardous Communication Standard.

3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact may cause temporary redness and discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: No significant effects expected from a single short-term exposure.
Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.
Inhalation: No known applicable information.
Oral: No known applicable information.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potent effects of overexposure are based on actual data, results of studies performed upon similar composition, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye	Immediately flush with water
Skin	No first aid should be required.

Inhalation No first aid should be required.
Oral; No first aid should be required.
Comments: Treat symptomatically.

5. Fire Fighting Measures

Flash Point: >347°F/ > 175°C (Closed Cup)
Flash Point: >550°F/>288°C (Open Cup)
Autoignition
Temperature: Not determined.

Flammability Limits in Air: Not determined

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires, use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire-exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep the fire exposed container cool.

Unusual Fire Hazards: None

Hazardous Decomposition Products:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Metal oxides. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Containment / Clean up: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Section 5 & 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean areas as appropriate since some silicone materials even in small quantities may present a slip hazard. Final cleaning may require use of steam, solvents, or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those which federal, state and local laws and regulations are applicable. Section 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See section 8 for Personal Protective Equipment for Spills. Call Clearco Products (800) 533-5823 if further information is required.

7. HANDLING & STORAGE

Use with adequate ventilation. Avoid eye contact.
Use reasonable care and store away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components Exposure Limits

There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: None should be needed.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection – safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable
Gloves: No special protection should be needed.
Inhalation: No respiratory protection should be needed.
Suitable

Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use proper protection – safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.

Inhalation/Suitable: No respiratory protection should be needed.
Respirator

Precautionary Measures: Avoid eye contact. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid
Color: Brown
Odor: Some Odor
Specific Gravity
@25°C: 0.97
Viscosity: 100cSt
Freezing/melting Point: Not determined
Boiling Point: >35°C/95°F
Vapor Pressure @25 °C: Not determined
Solubility in water: Not determined
pH: Not determined
Volatile Content: Not determined.

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.
Conditions to Avoid: None.
Materials to Avoid: Oxidizing material can cause a reaction.

11. TOXICOLOGY INFORMATION

Special hazard Information on Components
No known applicable information.

12. ECOLOGICAL INFORMATION

Complete information is not yet available.

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

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
State or local laws may impose additional regulatory requirements regarding disposal.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT

Ocean Shipment (IMDG)
Not subject to IMDG code.

Air Shipment (IATA)
Not subject to IATA regulations

15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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

EPA SARA Title Chemical Listings

Section 302 Extremely Hazardous Substances: None

Section 304 CERCLA Hazardous Substances: None

Section 312 Hazard Class:

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known

Massachusetts

No ingredient regulated by MA Right-to-Know Law present.

New Jersey

<u>CAS Number</u>	<u>Wt.</u>	<u>Component Name</u>
None	>60.0	Iron siloxane complex

Pennsylvania

<u>CAS Number</u>	<u>Wt.</u>	<u>Component Name</u>
None	>60.0	Iron siloxane complex