

# MATERIAL SAFETY DATA SHEET

TEMPCO ELECTRIC HEATER CORP.  
607 N. CENTRAL AVE.  
WOOD DALE, IL 60191

**Product Name:** TEMPCO SEA-108-101 (1 gal.) and SEA-108-102 (1 qt.) Heat Transfer Cement

## 1. Chemical Product & Company Identification

**Manufactured By:** Trasor Corporation  
308 N. Walnut  
Broken Arrow, OK 74012  
  
Phone: 918-258-1551

**Emergency Telephone Numbers:**  
24 hr. Chemtrec: 800-424-9300 US & Canada  
202-483-7616 International  
800-324-1551, 918-628-0494

**Trade Name:** HTC-30  
**Chemical Name:** Sodium Silicate, Clay & Graphite

**Synonyms:** None  
**Date of Issue / Revision:**  
4-20-92

**Prepared by:** Trasor Corp. /  
Tempco Electric Heater Corp.

## 2. Hazardous Ingredients / Identity Information

Component	CAS #	Percent	ACGIH (TLV)	OSHA (PEL)
Sodium Silicate (slightly alkaline)		20		
Clay (inert; non-toxic)		15		
Graphite (inert; non-toxic)		65		

## 3. Physical and Chemical Characteristics

Boiling Point: NA  
Vapor Pressure: NA  
Vapor Density: NA

Specific Gravity: NA  
Melting Point: NA  
Evaporation Rate: NA

**Solubility in Water:** Yes

**Appearance and Odor:** Fine Black Grain Cement - No Odor

#### 4. Fire and Explosion Hazard Data

**Flash Point (Method Used):** Non-Flammable - Will Not Burn or Support Combustion

**Special Fire Fighting Procedures:** NA

**Unusual Fire and Explosion Hazards:** NA

#### 5. Reactivity Data

**Stability**    **Unstable:** \_\_\_\_\_  
**Stable:**      X  

**Conditions to Avoid:** None

**Incompatibility:** None

**Hazardous Decomposition or Byproducts:** None

**Hazardous Polymerization**

**May Occur:** \_\_\_\_\_  
**Will Not Occur:**   X  

**Conditions to Avoid:** None

#### 6. Health Hazard Data

**Health Hazards (Acute and Chronic):** None

**Medical Conditions Generally Aggravated by Exposure:** None

**Emergency and First Aid Procedures:** Flush Eyes With Water, Wash Hands After Use

#### 7. Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** None, except to clean up spill.

**Waste Disposal Method:** None, follow local regulations

**Precautions to Be Taken in Handling and Storing:** None

**Other Precautions:** None

#### 8. Control Measures

**Respiratory Protection:** None

**Protective Gloves:** Cotton

**Ventilation:** Nothing Special Required

**Eye Protection:** Safety Glasses