

# Material Safety Data Sheet

According to (EC) No 1907/2006  
Thermal Compound

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## 1. Identification of the Preparation and of the Company

**Trade Names:** 70TC  
**Synonyms:** Thermal Compound  
**Manufacturer:** EFD Inc.  
40 Catamore Boulevard  
East Providence, RI 02914, USA  
Phone: +1-401-431-7000  
**Emergency:** Chemtrec (Transportation) +1-800-424-9300  
Outside USA +1-703-527-3887

## 2. Composition/Information on Ingredients

Component	CAS	% by Weight	OSHA PEL mg/m <sup>3</sup>	ACGHIV TLV mg/m <sup>3</sup>
Zinc Oxide	1314-13-2	Trade Secret	NE	NE
Mixture of Trade Secrets	NE	Trade Secret	NE	NE

NE = Not Established

## 3. Hazard Identification

**EYE CONTACT:** May cause mild eye irritation.  
**SKIN CONTACT:** May cause mild skin irritation.  
**INHALATION:** Inhalation hazard is low. May cause nausea or headache.  
**INGESTION:** Do not ingest. This product is practically non-toxic by ingestion. Repeated excessive ingestion may cause central nervous system effects.

## 4. First Aid Measures

**EYES:** Remove contact lenses. Immediately flush with copious amounts of water for at least 15 minutes. Seek medical attention.  
**SKIN:** Wash affected area with plenty of warm, soapy water.  
**INHALATION:** No adverse effects are anticipated by this route of exposure.  
**INGESTION:** Do not induce vomiting. Consult a physician.

## 5. Fire Fighting Measures

**EXTINGUISHING MEDIA:** Dry chemical, foam, CO<sub>2</sub>.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be used when using foam, as frothing may occur.  
**FIRE FIGHTING EQUIPMENT:** If large quantities are on fire, SCBA should be used as toxic fumes may be emitted.  
**PRECAUTIONS:** Keep away from ignition sources. Use with adequate ventilation.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** May form carbon monoxide, carbon dioxide or other toxic fumes.

## 6. Accidental Release Measures

Collect and place into properly labeled waste container. Keep out of sewers and waterways. Dispose of properly.

## 7. Handling and Storage

Avoid breathing vapor or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling. May be slippery when spilled.

## 8. Exposure Controls/Personal Protection

**VENTILATION REQUIREMENTS:**  
Maintain adequate local ventilation.  
**PERSONAL PROTECTIVE EQUIPMENT:**  
**EYES:** Wear appropriate safety glasses.  
**SKIN:** Wear appropriate protective clothing and gloves. Avoid skin contact. Workers should wash hands thoroughly before eating, drinking or smoking.  
**INHALATION:** Use with adequate ventilation.

## 9. Chemical and Physical Properties

**APPEARANCE AND ODOR:** Water cream, practically odorless  
**FLASH POINT:** >202°C (COC)  
**FLAMMABILITY:** Not established  
**AUTO IGNITION TEMPERATURE:** Not established  
**pH:** Not applicable  
**VAPOR PRESSURE:** Not established  
**VAPOR DENSITY:** Not established  
**MELTING POINT:** Not applicable  
**BOILING POINT:** Not established  
**SOLUBILITY IN WATER:** Insoluble  
**RELATIVE DENSITY:** 2.7  
**EVAPORATION RATE:** Not applicable

## 10. Stability and Reactivity

**STABILITY:** Stable  
**INCOMPATIBLE MATERIALS:** May react with strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. Toxicological Information

No information available.

## 12. Ecological Information

No information available.

## 13. Disposal Considerations

Dispose of according to federal, state and local regulations. Recycle when possible. Do not dump into sewers, on the ground, or into any body of water. This material may be incinerated at an approved facility.

EFD, Inc. 40 Catamore Boulevard, East Providence, RI 02914, USA [www.efd-inc.com](http://www.efd-inc.com)

**North and South America:** +1-800-556-3484 +1-401-431-7000  
Fax: +1-401-431-7079  
[solder@efd-inc.com](mailto:solder@efd-inc.com)

**Europe** +44 (0) 1582 666334  
Fax: +44 (0) 1582 664227  
[europe@efd-inc.com](mailto:europe@efd-inc.com)

**Asia** +86 (21) 3866 9006  
Fax: +86 (21) 3866 9095  
[china@efd-inc.com](mailto:china@efd-inc.com)

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## 14. Transportation Information

UN Number: Not regulated  
ADR/RID Not regulated  
IMO/IMDG Not regulated  
CAO/IATA Not regulated

## 15. Regulatory Information

**TSCA STATUS:** All chemical constituents used in the manufacture of this product are listed on the TSCA inventory maintained by the U.S. Environmental Protection Agency.

**REGULATED CHEMICALS:**

Chemical Name	CAS#	Regulation
None regulated		

None regulated

**SARA Title III:** None regulated

California State Proposition 65: No data.

**EUROPEAN REGULATIONS:**

**HAZARD SYMBOL AND HAZARD INFORMATION** Not applicable

## 16. Other Information

<b>NFPA Rating:</b>	Health	1	Flammability	0
	Reactivity	0	Special	n/a
<b>HMIS Rating:</b>	Health	1	Flammability	0
	Reactivity	0	Personal Protection	n/a

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