

Material Safety Data Sheet

According to (EC) No 1907/2006
Test Material

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1. Identification of the Preparation and of the Company

Trade Names: 1000TM, 5192TM
Synonyms: Test Material, Non-toxic
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 ³	ACGHIV TLV mg/m ³
Polyethylene glycol	5322-68-3	30.0 – 40.0	NE	NE
Propylene glycol	57-55-6	60.0 – 70.0	NE	NE
Food color		0.0 – 1.0		

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: No adverse effects are anticipated by this route of exposure.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Dry chemical, foam, CO₂.
UNSUITABLE EXTINGUISHING MEDIA: Water.
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 of solder 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: Blue, mild odor
FLASH POINT: >232°C (COC)
FLAMMABILITY: Not established
AUTO IGNITION TEMPERATURE: Not established
pH: Not applicable
VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not established
MELTING POINT: 130°C
BOILING POINT: Not established
SOLUBILITY IN WATER: Completely soluble
RELATIVE DENSITY: >1.0 (H₂O = 1)
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.

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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.

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

R-Phrases

R36/38 Irritation of eyes and skin

S-Phrases

S2 Keep out of reach of children
S24/25 Avoid contact with skin and eyes
S36/37 Wear safety gloves and glasses

16. Other Information

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

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Additionally, EFD Inc. assumes no responsibility for injury to the end user proximately caused by the material even if reasonable safety procedures are followed. The end user assumes the risk in his use of this material.

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