

# RESIN TECHNOLOGY GROUP, LLC

## MATERIAL SAFETY DATA SHEET

### 1. MATERIAL IDENTIFICATION

Product Name: **THEROLINK 1000**

**EMERGENCY PHONE:** For product emergency involving spill, leak, fire, exposure, or accident call CHEMTREC at (800) 424-9300. For all other inquiries call Resin Technology Group, LLC at (508) 230-8070.

### 2. COMPOSITION

HAZARDOUS COMPONENTS	CAS NO.	PERCENT	Exposure Limits	
			ACGIH TLV-TWA	OSHA PEL
Zinc Oxide as Zinc	1314-13-2	< 80	10 mg/m <sup>3</sup>	N.E.

Abbreviations: N.E. = Not Established

### 3. HEALTH HAZARDS IDENTIFICATION

Routes of Exposure: Eyes: Yes      Skin: Yes      Inhalation: No

**Eye Contact:** May cause irritation.

**Skin Contact:** Effects are not known.

**Inhalation:** Effects are not known.

**Ingestion:** Effects are not known.

### 4. FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes while holding eyelids open. Seek medical attention if symptoms persist.

**Skin:** Remove contaminated clothing, wipe excess from skin, and flush with water for 15 minutes. Follow by washing with soap and water. Wash contaminated clothing thoroughly before reuse. If irritation persists, obtain medical attention.

**Inhalation:** Remove to fresh air, and provide oxygen or artificial respiration if needed.

**Ingestion:** Do not induce vomiting. Give milk or water. Get immediate medical attention. Careful evacuation of stomach by medical personnel imperative.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES**

Flashpoint:	>300 °F, estimated
Explosive Limits:	Not determined
Auto-Ignition Temperature:	Not determined
Hazardous Decomposition Products:	Zinc fumes, oxides of carbon, zinc, and silicone

**Fire Fighting Instructions:** When sufficiently large quantities are present, firefighters should be equipped with full bunker gear, including a positive pressure, NIOSH approved, self-contained breathing apparatus.

**Extinguishing Media:** Use water fog, carbon dioxide, dry chemical, or an appropriate foam.

**6. ACCIDENTAL RELEASE MEASURES**

Ventilate the spill area, and evacuate if necessary. Remove all ignition sources. Absorb with a suitable material, and dispose of properly. Clean-up personnel should use adequate protective equipment, including respiratory protection.

**7. HANDLING AND STORAGE**

Store in a cool, dry place. Keep away from ignition sources and high temperatures. Avoid contact with incompatible materials. Wear protective eyewear, chemical-resistant gloves, and other protective clothing as appropriate.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Engineering/Ventilation Controls:** General ventilation and local exhaust may be required to maintain airborne concentrations below the established exposure limits exposure when generating vapors or mists.

**Respiratory Protection:** When local ventilation is unavailable and airborne limits are exceeded, a NIOSH-approved respirator, a supplied-air respirator, or a self-contained breathing apparatus is required.

**Skin Protection:** Impervious gloves and protective clothing should be worn as necessary.

**Eye Protection:** Chemical splash goggles or safety glasses with side shields should be worn as appropriate.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/State:	Soft white paste
Odor:	Not determined
Specific Gravity:	2.58
Solubility in Water:	Negligible
pH:	Not determined
Boiling Point:	Not determined
Freezing Point:	Not determined
Vapor Pressure (mmHg):	Not determined
Vapor Density (air=1):	Not determined

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal conditions and use.
<b>Conditions and Materials to Avoid:</b>	Keep away from ignition sources and high temperatures. Reacts with acids and oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Zinc fumes, oxides of carbon, zinc, and silicone.
<b>Hazardous Polymerization:</b>	Will not occur.

**11. TOXICOLOGICAL INFORMATION**

This product is not known to have undergone toxicological testing.

**12. ECOLOGICAL INFORMATION**

No data found.

**13. DISPOSAL CONSIDERATIONS**

Keep out of surface waters, sewers, and waterways entering or leading to surface waters. Notify authorities if any exposure to the environment occurs or is likely to occur. Utilize an appropriate disposal facility, in compliance with applicable federal, state, and local environmental control regulations.

**14. TRANSPORT INFORMATION**

**D.O.T. Classification:** Not Regulated

**Hazard Class:** None      **UN #:** None      **PG:** None      **ERG #:** None      **Hazard Labels:** None

**I.A.T.A. Classification:** Not Regulated

**Hazard Class:** None      **UN #:** None      **PG:** None      **ERG #:** None      **Hazard Labels:** None

Product Name: THEROLINK 1000

MSDS No. 11-000041

Date of Issue: 01/11/2001

Page: 4 of 4

## 15. REGULATORY INFORMATION

### TSCA

The chemical components of this product are included in the TSCA Chemical Substance Inventory, as required.

### SARA TITLE III

#### Section 313 - Toxic Chemicals

Pursuant to Section 313, this product contains a chemical in a concentration equal to or greater than the *de minimis* level:

Zinc Oxide as Zinc, 1314-13-2, <80%

#### Section 311/312 - Hazard Categories

Fire Hazard:	No
Reactivity Hazard:	No
Sudden Release of Pressure Hazard:	No
Immediate (Acute) Health Hazard:	Yes
Delayed (Chronic) Health Hazard:	No

### STATE REGULATIONS / RIGHT TO KNOW

**California Proposition 65:** This product is not known to contain any chemicals, which are recognized by the State of California to cause cancer, birth defects, or other reproductive harm.

## 16. OTHER INFORMATION

HMIS Hazards:	Health: 1	Flammability: 1	Reactivity: 0
NFPA Hazards:	Health: 1	Flammability: 1	Reactivity: 0

This information is intended solely for the use of individuals trained in the use of this particular system.

Resin Technology Group, LLC urges each customer or recipient of this MSDS to study it carefully in order to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals that are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate in order to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should: 1 - notify its employees, agents, contractors, and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards or safety. 2 - furnish this same information to each of its customers for the product. 3 - request its customers to notify their employees, customers, and other users of the product of this information.

The information contained herein is based on the data available to us and is believed to be correct. However, Resin Technology Group, LLC makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Resin Technology Group, LLC assumes no responsibility for injury from the use of the product described herein.