

# MSDS Document

## Product Dynatex® 49643 Heat Transfer Compound

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49643 Heat Transfer Compound

**Synonyms:** 2596449643

**MSDS ID** DYN49643

**Manufacturer**

Accumetric, LLC  
350 Ring Road  
Elizabethtown, KY 42701

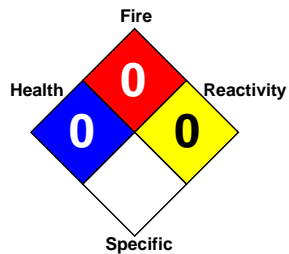
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 9/21/2005



<b>Health:</b>	0
<b>Fire:</b>	0
<b>Reactivity:</b>	0
<b>Specific</b>	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Dimethylpolysiloxane	63148-62-9	65% - 75%			
Zinc Oxide	1314-13-2	25% - 35%	2 mg/m dust	5 mg/m dust	10 mg/m

### 3. Hazard Identification

**Eye Contact**

May cause mild eye irritation

**Skin Contact**

A mild skin irritant

**Inhalation**

A dust hazard may occur if silica is separated from the mixture.

**Ingestion**

None known

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Chronic Effects of Exposure**

This product or one of its ingredients present 0.1% or more is not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**Primary Routes of Entry**

Eye contact

**Other**

This product contains Methylpolysiloxane which can generate formaldehyde at approximately 300F (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

**4. First Aid Information**

**Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

**Skin Contact**

Wash affected area with soap and water.

**Inhalation**

Not known to cause inhalation problems.

**Ingestion**

No harmful effects expected.

**5. Fire Fighting Measures**

**Flash Point** Not applicable

**Extinguishing Media**

All standard fire fighting media.

**Special Fire Fighting Procedures**

Wear self-contained breathing apparatus and full protective equipment.

**6. Accidental Release Measures**

**Steps to be taken if material is released or spilled**

Scrape, sweep or gather up material and put in a container for disposal.

**Disposal Method**

Bury in a licensed landfill in accordance with federal, state and local regulations.

## 7. Handling and Storage

### Precautions to be taken in handling and storage

Cure only where appropriate ventilation systems exist. During cure vapors are given off which may be harmful.

## 8. Exposure Controls and Personal Protection

### Engineering Controls

Exhaust ventilation during cure

### Respiratory Protection

None

### Eye & Face Protection

Safety glasses

### Protective Gloves

Cloth or rubber gloves

## 9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	2.3
Color/Appearance	White
Odor	Essentially odorless
pH	Not applicable
Boiling/Cond. Point	Not applicable
Melting/Freezing Point	Not applicable
Solubility	Insoluble in water
Evaporation Rate	Negligible
Percent Volatile	<1% by volume
Vapor Density	Not applicable
Vapor Pressure	Not applicable

### Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## 10. Stability and Reactivity

### Chemical Stability

Stable

### Hazardous Polymerization

Will not occur

### Hazardous Decomposition/Combustion Products

Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde

**Materials to Avoid / Incompatibility**

None known

**Conditions to Avoid**

None known

**11. Toxicological Information**

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure.

**12. Ecological Information**

**Environmental Fate and Distribution**

Complete information is not yet available.

**Environmental Effects**

Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**

Complete information is not yet available.

**13. Disposal Considerations**

**Waste Disposal Method**

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

**14. Transportation Information**

**DOT Road Shipment Information**

Not subject to DOT.

**15. Regulatory Information**

The 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.

**SARA Title III Section 302 Extremely Hazardous Substances**

None

**SARA Title III Section 304 CERCLA Hazardous Substances**

None

**SARA Title III Section 311/312**

No components subject to 40 CFR 370

**SARA Title III Section 313 Toxic Chemicals**

None present or none present in regulated quantities.

## 16. Other Information

### Disclaimer

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.