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**Section 1 - Product and Company Information**

<b>Product Name</b>	<b>Thermablock TBC 2.3T - Part A</b>	
<b>Company</b>	MicroPhase Coatings, Inc	HMIS Code
<b>Street Address</b>	170 Donmoor Court	Health 2
<b>City, State, Zip</b>	Garner, NC 27529	Flammability 3
<b>Emergency phone:</b>	(800) 424-9300	Reactivity 0

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**Section 2 - Composition Information/Hazardous Ingredients**

<u>Substance Name</u>	<u>CAS #</u>		<u>OSHA Pel</u>	<u>ACGIH TLV</u>
Titanium Isopropoxide	546-68-9	30 - 60%	NA	NA
Poly(diethoxysiloxane)	556-67-2	20 - 40%	10 ppm	10 ppm
poly(methylsilsequioxane)	68554-70-1	25 - 40%	ND	ND
isopropanol	67-63-0	5 - 25%	400 ppm	400 ppm

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**Section 3 - Physical and Chemical Properties**

<b>Boiling Point</b>	> 167 C
<b>Vapor Pressure</b>	50 C at 9 mm
<b>Vapor Density (air=1)</b>	> 1
<b>Solubility in Water</b>	reacts
<b>Specific Gravity</b>	0.98 - 1.02
<b>Melting Point</b>	NA
<b>Evaporation Rate (Butyl Acetate=1)</b>	NA
<b>Appearance and Odor</b>	Clear liquid

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**Section 4 - Fire Fighting Measures**

<b>Flash Point</b>	25 C (77 F)
<b>Autoignition Temperature</b>	Not Determined
<b>Extinguishing Media</b>	Carbon dioxide, dry chemical powder or appropriate foam. Water spray.

**Firefighting****Protective Equipment**

Wear self-contained breathing apparatus and protective coating to prevent contact with skin and eyes.

**Specific Hazard(s)**

Emits irritating fumes under fire conditions.

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**Section 5 - Reactivity Data****Stability**

Stable

**Materials to Avoid**

Oxidizing Agents, reacts slowly with moist air.

**Hazardous Decomposition or Byproducts**

Organic acid vapors, silicon dioxide

**Hazardous Polymerization**

Will not occur.

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**Section 6 - Health Hazard Data****Route(s) of Entry**

Inhalation, Ingestion, Dermal

**Inhalation**

May irritate the respiratory tract, cause headache or nausea.

**Health Hazards (Acute and Chronic)**

May cause immediate or delayed severe eye irritation

**Carcinogen**

No information available.

**Signs and Symptoms of Exposure**

Irritation of eyes, coughing, skin irritation

**Medical Conditions Generally Aggravated by Exposure**

None Known.

**Emergency and First Aid Procedures**

Wash skin with large amounts of soap and water. Flush eyes with running water for at least 15 minutes.

If ingested do not induce vomiting, call doctor immediately.

**Acute Oral Toxicity** ND

**Acute Dermal Toxicity** ND

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**Section 7 - Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

Use a dry, absorbent material such as sand or vermiculite to absorb material. Transfer to a sealed container for disposal.

**Waste Disposal Method**

Mix with resin and allow to cure. Check local ordinances for proper disposal.

**Other Precautions**

None known.

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**Section 8 - Control Measures****Respiratory**

NIOSH/MSHA approved respirator.

**Hand**

Protective rubber gloves.

**Eye**

Chemical safety goggles or face shield.

**General Hygiene Measures**

Wash thoroughly after handling.

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**Section 9 - Transport Information****DOT****Proper Shipping Name**

Flammable Liquid, n.o.s. (Tetrapropylorthotitanate and tetraethylsilicate)

DOT LABEL: FLAMMABLE LIQUID

DOT ID no.: UN1993

PG: III

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**Section 10 - Regulatory Information****TSCA** All components are included in the EPA Toxic Substances Control Act Chemical Substance**TSCA 12b Components** None**OSHA Hazard Classes (29CFR1910.1200)** 3**EPA SARA Title III Section 312 (40CFR370) hazard class** None required.**EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" Level are** none

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