
Section 1 - Product and Company Information

Product Name	Thermablock TBC 2.5 Part B		
Company	MicroPhase Coatings, Inc	HMIS Code	
Street Address	170 Donmoor Court	Health	0
City, State, Zip	Garner, NC 27529	Flammability	0
Emergency phone:	(800) 424-9300	Reactivity	0
International	001-703-527-3887		

Section 2 - Composition Information/Hazardous Ingredients

<u>Substance Name</u>	<u>CAS #</u>		<u>OSHA Pel</u>	<u>ACGIH TLV</u>
Boric acid	10043-35-3	40-80%	N/A	N/A
sodium bicarbonate	144-55-8	1-5%	N/A	N/A
Crystalline Sillica	14808-60-7	30-60%	10mg/m ³	0.05

Respirable crystalline silica can cause silicosis. It is also classified as a carcinogen.

Section 3 - Physical and Chemical Properties

Boiling Point	4046 F
Vapor Pressure	none
Vapor Density (air=1)	none
Solubility in Water	insoluble
Specific Gravity	2.6
Melting Point	3110 F
Evaporation Rate (Butyl Acetate=1)	none
Appearance and Odor	gray powder

Section 4 - Fire Fighting Measures

Flash Point	N/A
Autoignition Temperature	N/A
Extinguishing Media	non-combustible

Firefighting**Protective Equipment**

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

Specific Hazard(s)

Silica dust can cause silicosis.

Section 5 - Reactivity Data**Stability**

Stable

Materials to Avoid

Oxidizing Agents

Hazardous Decomposition or Byproducts

boric oxide, silicon dioxide

Hazardous Polymerization

Will not occur.

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. May cause silicosis if inhaled.

Carcinogen

Respirable crystalline silica is classified as a carcinogen. The crystalline silica in this material is blended into a solution. It may become respirable upon spraying.

Signs and Symptoms of Exposure

Irritation of eyes, coughing, skin irritation

Medical Conditions Generally Aggravated by Exposure

Silicosis

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

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

Use dustless methods (vacuum) and place in closable container for disposal. Do not dry sweep.

Waste Disposal Method

Can be land filled.

Other Precautions

None known.

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.

Section 9 - Transport Information

Not a hazardous material for purposes of transportation under
US Department of Transportation Table of Hazardous Materials
49 CFR 172.101.

Section 10 - Regulatory Information

TSCA All components are included in the EPA Toxic Substances Control Act

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