
Section 1 - Product and Company Information**Product Name** Thermablock CR 2000 Part B

Company	MicroPhase Coatings, Inc	HMIS Code
Street Address	170 Donmoor Court	Health 2
City, State, Zip	Garner, NC 27529	Flammability 0
Emergency phone:	(800) 424-9300	Reactivity 1
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 70% - 90%	N/A	N/A
Sodium Perborate	10486-00-7 10% - 30%	N/A	N/A

Section 3 - Physical and Chemical Properties

Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density (air=1)	N/A
Solubility in Water	N/A
Specific Gravity	1.44
Melting Point	160° C
Evaporation Rate (Butyl Acetate=1)	NA
Appearance and Odor	Off white powder

Section 4 - Fire Fighting Measures

Flash Point	N/A
Autoignition Temperature	Not Determined
Extinguishing Media	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)

Liquid material emits irritating fumes under fire conditions.

Section 5 - Reactivity Data

Stability
Stable

Materials to Avoid
Heavy metals and easily oxidizable materials. Reacts slowly with moist air.

Hazardous Decomposition or Byproducts
Boron Oxide, silicon dioxide, oxygen

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

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.

Oral Toxicity

LD50 rat 2660 mg/kg

Section 7 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Sweep up powder and transfer to a sealed container for disposal. Residual powder may be cleaned with soap and water.

Waste Disposal Method

Mix with Part A in the appropriate ratio and allow to cure. Check local ordinances for proper disposal.

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**DOT****Proper Shipping Name**

Sodium Perborate

DOT Classification 5.1, Oxidizer

DOT Marker Oxidizer, Solid, N.O.S. UN1479

UN 1479

Section 10 - Regulatory Information**TSCA All components are included in the EPA Toxic Substances Control Act**