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**Section 1 - Product and Company Information**

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|-------------------------|------------------------------------|----------------|
| <b>Product Name</b>     | <b>Thermablock TBC 2.3T Part B</b> |                |
| <b>Company</b>          | MicroPhase Coatings, Inc           | HMIS Code      |
| <b>Street Address</b>   | 170 Donmoor Court                  | Health 1       |
| <b>City, State, Zip</b> | Garner, NC 27529                   | Flammability 0 |
| <b>Emergency phone:</b> | (800) 424-9300                     | Reactivity 0   |
| <b>International</b>    | 001-703-527-3887                   |                |

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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> |
|-----------------------|----------------------|-----------------|------------------|
| Boric acid            | 10043-35-3 98 - 100% | NA              | NA               |

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**Section 3 - Physical and Chemical Properties**

|   |                          |
|---|--------------------------|
| <b>Boiling Point</b>                      | decomposes               |
| <b>Vapor Pressure</b>                     | 2.6 mm Hg at 20°C        |
| <b>Vapor Density (air=1)</b>              | N/A                      |
| <b>Solubility in Water</b>                | 1 g/18 mL in cold water  |
| <b>Specific Gravity</b>                   | 1.49 g/cc                |
| <b>Melting Point</b>                      | 170°C                    |
| <b>Evaporation Rate (Butyl Acetate=1)</b> | NA                       |
| <b>Appearance and Odor</b>                | white powder or granules |

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**Section 4 - Fire Fighting Measures**

|   |   |
|---|---|
| <b>Flash Point</b>  | N/A   |
| <b>Autoignition Temperature</b>   | N/A   |
| <b>Extinguishing Media</b>  | Water spray, carbon dioxide, dry chemical powder or appropriate foam. |
| <b>Firefighting</b>   |   |
| <b>Protective Equipment</b>   |   |
| Wear self-contained breathing apparatus and protective coating to prevent contact with skin and eyes. |   |
| <b>Specific Hazard(s)</b>   |   |
| none known  |   |

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**Section 5 - Reactivity Data**

|   |  |
|---|--|
| <b>Stability</b>  |  |
| Stable  |  |
| <b>Materials to Avoid</b>                               |  |
| metal hydrides, alkali metals and other reducing agents |  |
| <b>Hazardous Decomposition or Byproducts</b>            |  |
| none known  |  |
| <b>Hazardous Polymerization</b>                         |  |

Will not occur.

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

Inhalation, Ingestion, Dermal

**Inhalation**

Mild irritant to mucous membranes

**Health Hazards (Acute and Chronic)**

none known

**Carcinogen**

No evidence of carcinogenicity in mice

**Signs and Symptoms of Exposure**

Small quantities ingested will not cause noticeable effects. Large quantities may cause gastrointestinal symptoms.

Mild irritation may occur to skin and eyes under prolonged exposure.

**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 inhaled move to fresh air and call a physician if irritation persists.

**Acute Oral Toxicity** LD50 in rats is 3,500 to 4,100 mg/kg

**Acute Dermal Toxicity** LD50 in rabbits is more than 2,00 mg/kg. Boric acid is poorly absorbed through intact skin.

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

Sweep up, place in bag and hold for waste disposal. Wash area with water after material pickup is complete.

**Waste Disposal Method**

Small quantities may be disposed in landfills.

**Other Precautions**

None known.

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

Use a NIOSH approved respirator if dust levels may exceed recommended limitations.

**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**                      None required

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**Section 10 - Regulatory Information**

not regulated under UDS DOT and TDG Canada

Boric acid has no UN number and is not regulated for rail, water, air or ground transportation

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