

SAFETY DATA SHEET

SECTION I – Product Information

PRODUCT IDENTITY: **BORIC ACID -- INTERIOR LATEX ACOUSTICAL COATING**
DISTRIBUTOR: HY-TECH THERMAL SOLUTIONS, LLC
ADDRESS: 159 Park Hill Blvd.
CITY, STATE AND ZIP CODE: West Melbourne, FL 32904
INFORMATION TELEPHONE #: 321-984-9777
For Emergency Assistance involving chemicals call CHEMTREC (800) 424-9300

SECTION II – Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT	CAS. NO.	OSHA PEL OR ACGIH TLV	WEIGHT %
Boric acid	10043-35-3		100%

SECTION III – Composition

This SDS discloses all necessary information needed to handle and use the product safely.

SECTION IV – First-Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation persists.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:

If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

SECTION V – Fire and Explosion Hazard Data

Nonflammable

Flash Point: Non-Combustible	Flammable Limits: LEL: N/A EUL: N/A	DOT Hazard Class: Not Regulated	Marking: "Keep From Freezing"
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Special Firefighting Procedures:

Full protective equipment, including self-contained breathing apparatus, should be worn. Water should be used to cool closed containers to prevent explosion due to extreme heat.

SECTION VI – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

SECTION VII – Handling and Storage

PRECAUTIONS:

Keep locked up. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as alkalis.

SECTION VIII – Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available

SECTION IX – Physical/Chemical Properties

Boiling Point:	572°F	Specific Gravity (H ₂ O=1) WG/GAL	1.435
Vapor Pressure (mm Hg) @ 100 C	n/a	Melting Point	336° F
Vapor Density (AIR=1)	n/a	Evaporation Rate (Butyl Acetate=1)	Slower
pH (1% soln/water)	5.2		
Solubility in hot Water	Total	Appearance and Odor	Powdered white solid

SECTION X – Reactivity Data

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable

INCOMPATIBILITY: Reactive with alkalis

SPECIAL REMARKS ON REACTIVITY: Incompatible with Potassium , Acetic Anhydride. Reacts with basic materials to form borate salts.

SECTION XI – Health Hazard Data, Toxicity Data

Route(s) of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD₅₀): 2660 mg/kg [Rat].

Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

SECTION XII – Disclaimer

All information, recommendations and suggestions concerning this product are based upon tests and data believed to be reliable, Hy-Tech Industries makes no guarantee, expressed or implied, as to the effect of use, or the safety and toxicity of the product. The information contained in this sheet is not to be construed as absolutely complete.

REFERENCES:

- 1) U.S. Code of Federal Regulations (CFR) U.S. Dept. of Labor, No. 29, Parts 1900 to 1910.1200. OSHA Communications Standard 29 CFR 1910.1200.
- 2) Fire Protection Guide to Hazardous Materials, 10ed., National Fire Protection Association, Quincy, MA, 1991.
- 3) Title III List of Lists, U.S. Environmental Protection Agency publication EPA 560/4-90-011, January 1990.