Slice Engineering®

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

1.1 Name: Boron Nitride Paste
High Temperature Mold Release

1.3 Product Use: Barrier for High Temperature Manufacturing

1.2 MANUFACTURER/DISTRIBUTOR:

Slice Engineering
747 SW 2nd Ave
Suite 296, IMB 36
Gainesville, Fl 32601

1.4 Emergency Phone Number: (800) 424-9300

2. HAZARDS IDENTIFICATION

2.1 Hazard classification
Not a hazardous substance or mixture according to GHS

2.2 GHS Label elements:

2.2.a Signal word
None
2.2.b Pictograms
None required
2.2.c Hazard Statement:
No known significant effects or critical hazards.

2.3 Precautionary Statements

2.3.a Use personal protective equipment as required.
2.3.b If exposed or concerned: Get medical advice/attention.
2.3.c Store in a well-ventilated place.
2.3.d Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

3. HAZARDOUS INGREDIENTS

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

4.1 Inhalation: Under normal conditions of intended use, this material is not expected to be a hazardous material by inhalation.

4.2 Eye: Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persist.

4.3 Skin: Remove contaminated clothing and shoes. Wipe excess material off skin and a dry cloth. Wash immediately with plenty of water. Get medical attention if symptoms occur.

4.4 Oral: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

5.1 Flash Point: None

5.2 Extinguishing Media: This product does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.3 Special hazards arising from the substance or mixture: Hazardous Decomposition Products: Nitrogen oxides, Oxides of boron, Carbon dioxide, Carbon monoxide.

5.4 Special Fire Fighting Instruction: Water spray should be used to cool containers. Wear suitable protective equipment. Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Use personal protective equipment.

6.2 Environmental precautions: Do not allow in drains, sewers, or watercourses.

6.3 Methods and material for containment and cleaning up: Surfaces contaminated with the product will become slippery. Absorb with inert material. Do not allow product to enter sewer or waterways. Clean area thoroughly with plenty of water.

7. HANDLING AND STORAGE

7.1 Handling: Wear appropriate protective equipment, if necessary. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

7.2 Storage Conditions: Store in tightly closed original container in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limits:

8.1.a Respiratory Protection: If ventilation is insufficient, suitable respiratory protection must be provided.

8.1.b Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to

remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

8.1.c Eye Protection: Wear safety glasses with side shields (or goggles).

8.1.d Skin Protection: Protective gloves are recommended.

8.1.e Environmental Exposure Controls: None of the components have assigned exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Boiling Point: approx. 212°F/100°C

9.2 Density: 1.00 g/cc

9.3 Vapor Density (Air=1): No data available

9.4 pH Information: 9-10

9.5 Form: Paste

9.6 Color: White

9.7 Percent Volatile by Volume: 65-75 %

9.8 Vapor Pressure: No data available

9.9 Solubility in H_2O : Soluble

9.10 Evaporation Rate (CC14=1): No data available

9.11 Appearance: NA

9.12 Odor: None

10. STABILITY AND REACTIVITY

10.1 Chemical Stability: Stable.

10.2 Material and Conditions to Avoid: Strong oxidizers, strong reducers.

10.3 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

10.4 Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity:
11.2 Oral: No data available.
11.3 Dermal: No data available.
11.4 Inhalation: No data available.
11.5 Repeated Dose Toxicity: No data available.
11.6 Skin Corrosion/Irritation: No data available.
11.7 Serious Eye Damage/Eye Irritation: No data available.
11.8 Respiratory or Skin Sensitization: No data available.
11.9 Carcinogenicity: No data available.
11.10 Germ Cell Mutagenicity:
11.10.a In vitro: No data available.
11.10.b In vivo: No data available.

11.11 Reproductive Toxicity: No data available.
11.12 Specific Target Organ Toxicity – Single Exposure: No data available.
11.13 Specific Target Organ Toxicity – Repeated Exposure: No data available.
11.14 Aspiration Hazard: No data available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:
12.2 Acute hazards: No data is available on this product.
12.3 Chronic hazards: No data is available on this product.
12.4 Persistence and Degradability: No data available on this product.
12.5 Bioaccumulative Potential: No data is available on this product.
12.6 Mobility of Soil: Not data is available on this product.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal: In accordance with local and national regulations.

13.2 Environmental Hazards: Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

14.1 U.S. DOT
Not Regulated

14.2 IATA
Not Regulated

14.3 IMDG
Not Regulated

15. REGULATORY INFORMATION

15.1 U.S. Federal Regulations

15.2 TSCA: On or in compliance with the inventory.

16. OTHER INFORMATION

16.1 FOR INDUSTRIAL USE ONLY

16.2 REVISION DATE: APRIL 24, 2026

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user.