

**SECTION 1 — Chemical Product and Company Identification**

*PRODUCER:* Boyd Corporation  
1560 Highway 371 South  
Magnolia, AR 71753

*EMERGENCY PHONE NUMBER:* (209) 236-1111

*TRADE NAME:* SOLIMIDE® Polyimide Foam

*CHEMICAL NAME:* Benzophenonetetracarboxylicimide polymer foam

*CAS NO.:* None

*CHEMICAL FAMILY:* Polyimide

*RECOMMENDED USE:* Insulation

SOLIMIDE is a registered trademark of Boyd Corporation

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**SECTION 2 — Hazards Identification**

**HMIS CLASSIFICATIONS:**

|               |   |
|---------------|---|
| Health:       | 0 |
| Flammability: | 0 |
| Reactivity:   | 0 |

**HEALTH HAZARDS:**

**INHALATION:** Dust can be generated during cutting or fabrication of the product. Dusts are mechanical irritants that may cause throat irritation.

**EYE CONTACT:** Dust can be generated during cutting or fabrication of the product. Dusts are mechanical irritants that may cause eye irritation.

**SKIN CONTACT:** Not expected to be a skin irritant

**INGESTION:** Not expected to be acutely toxic

**CHRONIC EFFECTS OF OVEREXPOSURE:** None known

**EMERGENCY PHONE NUMBER:** 1-209-236-1111  
**PRODUCT NAME:** SOLIMIDE® POLYIMIDE FOAM

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**SECTION 3 — Composition / Information on Ingredients**

| <b>CHEMICAL NAME</b>                          | <b>CAS NO.</b> | <b>EXPOSURE LIMIT</b>  |
|---|----------------|------------------------|
| Benzophenonetetracarboxylicimide polymer foam | None           | None Established       |
| Ethanol *                                     | 64-17-5        | OSHA VPEL TWA 1000 PPM |
| Methanol *                                    | 64-56-1        | OSHA VPEL TWA 200 PPM  |

\* **NOTE:** Small amounts of residual alcohol from the production process may initially be present in the product. This alcohol will rapidly decrease with time.

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**SECTION 4 - First Aid Measures**

**INHALATION:** If inhaled, remove to fresh air, drink water to clear throat and blow nose to remove dust.

**EYE CONTACT:** Begin immediate eye irrigation with cool water for 10-15 minutes. If irritation persists, contact a physician.

**SKIN CONTACT:** Use good personal hygiene if dust contact is possible.

**INGESTION:** If swallowed, give two glasses of water.

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**SECTION 5 — Fire Fighting Measures**

**FLASH POINT (METHOD):** Not applicable

**FLAMMABLE LIMITS:** Not applicable

**EXTINGUISHING MEDIA:** Dry chemical, water spray (fog), foam or carbon dioxide

**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:** Includes oxides of carbon and nitrogen

**SPECIAL FIRE FIGHTING PROCEDURES:** Avoid breathing smoke and vapor

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

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### **SECTION 6 — Accidental Release Measures**

Sweep or shovel spills into appropriate container for disposal.

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### **SECTION 7 — Handling and Storage**

**HANDLING REQUIREMENTS:** No special requirements

**STORAGE REQUIREMENTS:** Do not store where exposure to UV light is possible.

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### **SECTION 8 — Exposure Control / Personal Protection**

**EXPOSURE LIMITS:** Not established by OSHA / ACGIH.  
The OSHA PELs for nuisance dusts are:  
Respirable dust 5 mg/m<sup>3</sup>  
Total dust 15 mg/m<sup>3</sup>

**EYE PROTECTION:** Safety glasses, goggles when excessive dusting may occur

**PROTECTIVE GLOVES:** Not required under normal conditions

**RESPIRATORY PROTECTION:** NIOSH approved dust / mist respirator when excessive dusting may occur

**LOCAL EXHAUST VENTILATION:** At source of dust

**MECHANICAL VENTILATION:** Recommended

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### **SECTION 9 — Physical and Chemical Properties**

**APPEARANCE / ODOR:** Beige to yellowish foam *solid* / residual alcohol from the production process may result in an initial alcohol odor, which completely dissipates with time

**VAPOR PRESSURE:** Not applicable

**SOLUBILITY IN WATER:** Insoluble

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**DENSITY:** 4.8-16 kg/m<sup>3</sup> (0.3-1.0 lb/ft)

**MELTING POINT:** Not applicable

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**SECTION 10 — Stability and Reactivity**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** None known

**MATERIALS TO AVOID:** Strong alkaline and oxidizing acid solutions

**HAZARDOUS DECOMPOSITION PRODUCTS:** Will not occur

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**SECTION 11 — Toxicological Information**

*LIKELY ROUTES OF EXPOSURE: Inhalation, Eye, Skin, Ingestion*

*EFFECTS OF ACUTE EXPOSURE: None known*

*EFFECTS OF CHRONIC EXPOSURE: None known*

*IRRITANCY OF PRODUCT: Not expected to be an irritant*

*SENSITIZOR: Not expected to be a sensitizor*

*CARCINOGENIC: None known*

*REPRODUCTIVE TOXICITY: None known*

*TERATOGENICITY: None known*

*EMBRYO TOXICITY: None known*

*MUTAGENICITY: None known*

*NAME OF SYNERGISTIC PRODUCTS/EFFECTS: None known*

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**SECTION 12 — Ecological Information**

*AQUATIC ECOTOXICITY: None known*

*TERRESTRIAL ECOTOXICITY: None known*

*PERSISTENCE/DEGRADABILITY: None known*

*BIOACCUMULATIVE POTENTIAL: None known*

*MOBILITY IN SOIL: None known*

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### **SECTION 13 — Disposal Considerations**

Under the CERCLA / RCRA regulations currently in effect, this product is not regulated as a hazardous waste or material. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulation.

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### **SECTION 14 — Transport Information**

DOT DESCRIPTION / PROPER SHIPPING NAME: Not regulated for transportation.

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### **SECTION 15 - Regulatory Information**

*THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (15 USC 2601 - 2629).*

*CERCLA RCRA: Non-hazardous*

HAZARD CATEGORIES FOR SARA 311/312 REPORTING ARE INDICATED BELOW:

|          |                            |    |
|----------|----------------------------|----|
| HEALTH   | Immediate (Acute)          | No |
| HEALTH   | Delayed (Chronic)          | No |
| PHYSICAL | Fire                       | No |
| PHYSICAL | Sudden Release of pressure | No |
| PHYSICAL | Reactive                   | No |
| PHYSICAL | Nuisance Mist/Dust Only    | No |

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### **SECTION 16 — Other Information**

*None*

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REVISION DATE: 02-Aug-10  
MSDS updated by: Boyd Corporation, 4/20/17

THIS MATERIAL SAFETY DATA SHEET CONTAINS AT LEAST THE  
INFORMATION REQUIRED BY THE FEDERAL OSHA HAZARD  
COMMUNICATION RULE, 29 CFR 1910.1200(g) (2).

FOR ADDITIONAL NON-EMERGENCY MSDS INFORMATION, CONTACT:

Boyd Corporation  
600 S. McClure Road  
Modesto, CA 95357, USA  
1-209-236-1111