



SOLIMIDE[®] Polyimide Foam
Material Safety Data Sheet

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

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

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SECTION 3 — Composition / Information on Ingredients

CHEMICAL NAME	CAS NO.	EXPOSURE LIMIT
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.

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.

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.

SECTION 7 — Handling and Storage

HANDLING REQUIREMENTS: No special requirements

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

SECTION 8 — Exposure Control / Personal Protection

EXPOSURE LIMITS: Not established by OSHA / ACGIH.
The OSHA PELs for nuisance dusts are:
Respirable dust 5 mg/m³
Total dust 15 mg/m³

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

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/m³ (0.3-1.0 lb/ft)

MELTING POINT: Not applicable

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

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

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.

SECTION 14 — Transport Information

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

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

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:

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1-209-236-1111