

MATERIAL SAFETY DATA SHEET – Intek PFI Polyimide Foam

SECTION 1: PRODUCT IDENTIFICATION

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TRADE NAME: Polyimide Foam
CHEMICAL FAMILY: Polyimide
CHEMICAL NAME: Benzophenonetetracarboxylic imide polymer foam

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (15 USC 2601 - 2629).
CAS NO.: None

SECTION 2: COMPOSITION/ INFORMATION ON INGREDIENTS

HMIS CLASSIFICATIONS:

Health: 0
Flammability: 0
Reactivity: 0

CHEMICAL NAME	CAS NO.	EXPOSURE LIMIT
Benzophenonetetracarboxylic imide polymer foam	None	None Established
Ethanol *	64-17-5	OSHA VPEL TWA 1000 PPM
Methanol *	64-56-1	OSHA VPEL TWA 200 PPM

COMPONENTS

* **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 3: HAZARD IDENTIFICATION

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

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

SECTION 6: ACCIDENTAL SPILL / RELEASE MEASURES

SPILLS OR LEAKS: Sweep or shovel spills into appropriate container for disposal.
DISPOSAL METHODS: 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.
STORAGE REQUIREMENTS: No special storage required

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 / 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
DENSITY: 0.3-1.0 lb/ft³ (range)
MELTING POINT: Not established

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None known
MATERIALS TO AVOID: Strong alkaline and oxidizing acid solutions
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL AND EPIDEMIOLOGICAL DATA

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
EMBRYOTOXICITY: 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

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

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

For additional information concerning this product, contact:

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