

Product Name: PBI Polymer, Celazole®

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PBI Polymer, Celazole® PBI Polymer, PBI Ultrafine Polymer (UFP)
PRODUCT CODE: M51050
MSDS NUMBER: M51050
DATE: 2/13/2006

COMPANY NAME: PBI Performance Products, Inc.
9800-D Southern Pine Boulevard
Charlotte, NC 28273 USA

For 24-hour emergency assistance, call the 3E Company at 1-877-737-4046. Please provide the technician with the following product tracking code: 9521

NON-EMERGENCIES	MSDS Information	(704) 554-3378
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2. COMPOSITION/INFORMATION AND INGREDIENTS

COMPONENT	CAS NUMBER	PERCENT
Poly[2,2'-(m-phenylene)]5,5'-bibenzimidazole	25928-81-8	100

3. HAZARDS IDENTIFICATION

PRODUCT DESCRIPTION: Various particle size grades of PBI polymer.

EMERGENCY ACTIONS: This product poses few or no unusual hazards in an emergency situation.

FIRE/EXPLOSION RISK: Although PBI does not burn in air, it begins to decompose above 750°F.

ENVIRONMENTAL HAZARDS: There is no indication this product causes any adverse impact on the environment.

POTENTIAL HEALTH EFFECTS: Mechanical irritation can result if particles get in the eye.

ROUTES OF EXPOSURE: Inhalation.

IMMEDIATE EFFECTS: Inhalation of dust/particulates may produce slight transitory upper respiratory tract irritation.

4. FIRST AID MEASURES: If particles get in the eye, flush with water to remove. If inhalation of decomposition products occurs and breathing becomes difficult, remove to fresh air and give oxygen if needed.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: PBI will not burn or melt. Decomposition products may include carbon monoxide, carbon dioxide and nitrogen oxides.

HAZARDOUS PRODUCTS OF COMBUSTION: Decomposition products include carbon monoxide, carbon dioxide and nitrogen oxides.

EXTINGUISHING MEDIA: Since PBI does not burn, use extinguishing media appropriate for surrounding materials and decomposition products.

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FIRE FIGHTING INSTRUCTIONS: Firefighters should protect themselves from decomposition products that may include carbon monoxide, carbon dioxide and nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP PROCEDURES: Vacuum or sweep up material and place in container for disposal.

7. HANDLING and STORAGE

HANDLING: Personal hygiene measures, such as washing hands after working with these products, are recommended.

STORAGE: No special requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local ventilation should be acceptable.

PROTECTIVE EQUIPMENT: Eye protection is advisable in all industrial operations. Approved respirators may be worn if nuisance dust is generated.

9. PHYSICAL and CHEMICAL PROPERTIES: Product is a golden brown material that will not burn in air or melt

10. STABILITY and REACTIVITY: Chemically and thermally stable. Will not burn or melt.

CONDITIONS TO AVOID: None.

11. TOXICOLOGICAL INFORMATION: Toxicological testing has shown PBI polymer to be essentially innocuous. Inhalation studies with rats using specially prepared fine PBI particles produced no adverse effects.

12. ECOLOGICAL INFORMATION: None known.

13. DISPOSAL CONSIDERATIONS: Not a hazardous waste. May be landfilled.

14. TRANSPORTATION INFORMATION: Not a hazardous material.

15. REGULATORY INFORMATION

STATE REGULATIONS: The following chemicals associated with the product are subject to the right-to-know regulations in these states: None

U.S. FEDERAL REGULATIONS: TSCA INVENTORY: Listed.

16. OTHER INFORMATION

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