

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
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DIVISION: ELECTRONIC HANDLING & PROTECTION DIV  
 TRADE NAME:

Burn-In Sockets (Mtl. #033)

ID NUMBER/U.P.C.:				
80-6101-2406-9	00-54007-33834-5	80-6101-2407-7	00-54007-33835-2	
80-6101-2412-7	00-54007-33838-3	80-6101-2413-5	00-54007-33839-0	
80-6101-2414-3	00-54007-33840-6	80-6101-2428-3	00-54007-33853-6	
80-6101-2429-1	00-54007-33854-3	80-6101-2430-9	00-54007-33855-0	
80-6101-3495-1	00-54007-34494-0	80-6101-3496-9	00-54007-34495-7	
80-6101-6585-6	00-54007-45780-0	80-6101-8166-3	00-54007-45781-7	
80-6102-5630-9	00-54007-45778-7	80-6102-5701-8	00-54007-45779-4	
JE-1500-9272-2	00-51138-76498-2	JE-1500-9273-0	00-51138-76511-8	
JE-1501-2622-3	00-54007-84173-9	JE-1509-0095-7	- - -	
JE-1509-0096-5	- - -	JE-1509-0097-3	- - -	
JE-1509-0098-1	- - -	JE-1509-0099-9	- - -	
JE-1509-0100-5	- - -			

ISSUED: April 12, 1999  
 SUPERSEDES: August 19, 1998  
 DOCUMENT: 06-9656-7

1. INGREDIENT	C.A.S. NO.	PERCENT	
Polyetherimide (PEI).....	61128-46-9	64	- 74
Fibrous Glass.....	65997-17-3	24	- 34

2. PHYSICAL DATA

BOILING POINT:.....	N/A
VAPOR PRESSURE:.....	N/A
VAPOR DENSITY:.....	N/A
EVAPORATION RATE:.....	N/A
SOLUBILITY IN WATER:.....	N/A
SPECIFIC GRAVITY:.....	ca. 1.54 Water=1
PERCENT VOLATILE:.....	N/A
pH:.....	N/A
VISCOSITY:.....	N/A
MELTING POINT:.....	ca. 217 C

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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2. PHYSICAL DATA (continued)  
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APPEARANCE AND ODOR:  
Solid block or slab, no odor

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... ca. 521 C  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... ca. 538 C

EXTINGUISHING MEDIA:  
Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:  
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
No unusual fire or explosion hazards are anticipated.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:  
Strong Acids, Strong Bases.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Hydrogen Cyanide, Hydrocarbons.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:  
Not applicable.

RECOMMENDED DISPOSAL:  
Dispose of waste product in a sanitary landfill. Reclaim if  
feasible. Product may be recycled.

ENVIRONMENTAL DATA:  
No data available.

REGULATORY INFORMATION:  
Volatile Organic Compounds: N/A.  
VOC Less H2O & Exempt Solvents: N/A.

EPCRA HAZARD CLASS:  
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: No CHRONIC: No

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6. SUGGESTED FIRST AID  
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EYE CONTACT:  
Immediately flush eyes with large amounts of water. Get immediate  
medical attention.

FIRST AID FOR EYE CONTACT WOULD ONLY BE EXPECTED UPON CONTACT WITH  
VAPORS AFTER HEATING.

SKIN CONTACT:  
Flush affected area with large amounts of water and cover with a  
clean dressing. Get medical attention.

FIRST AID FOR SKIN CONTACT WOULD ONLY BE EXPECTED UPON CONTACT WITH  
HOT MATERIAL.

INHALATION:  
If signs/symptoms occur, remove person to fresh air. If  
signs/symptoms continue, call a physician.

IF SWALLOWED:  
No need for first aid is anticipated.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:  
Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)  
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SKIN PROTECTION:

Avoid skin contact with hot material. Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust when product is heated. Conduct air monitoring to determine adequacy of ventilation. Provide sufficient ventilation to maintain emissions below recommended exposure limits.

RESPIRATORY PROTECTION:

Avoid breathing of thermal decomposition products.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Not applicable. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
Polyetherimide (PEI).....	NONE	NONE	NONE	NONE	
Fibrous Glass.....	10	MG/M3	TWA	3M	
		as dust			

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- 3M: 3M Recommended Exposure Guidelines
- NONE: None Established

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

Vapors from heated material may cause eye irritation.

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8. HEALTH HAZARD DATA (continued)  
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SKIN CONTACT:

Skin Burns (thermal, from contact with hot material): signs/symptoms can include burning pain, red and swollen skin, and blisters.

INHALATION:

Vapors of heated material may cause respiratory system irritation.

Heating of this material to 150 degrees centigrade may release trace quantities of: trichlorotrifluoroethane, hexadiene, cyclopentanone, tetrahydromethylfuranol, phenol, decenol, and other hydrocarbons. If ventilation is inadequate, these vapors may be objectionable and may result in respiratory irritation.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

No adverse health effects are expected from swallowing.

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SECTION CHANGE DATES  
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HEADING	SECTION CHANGED SINCE August 19, 1998	ISSUE
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