



MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - September 1985

HMIS RATING	
HEALTH	
FLAMMABILITY	
REACTIVITY	
NFPA RATING	
HEALTH	
FLAMMABILITY	
REACTIVITY	

IDENTITY:

MI-1236

12 X 36 MICA INSULATION

Marketer's Name Must Appear Below	DOT Shipping- Consumer commodity ORM-D
Manufacturer's Name Plastic Process Equipment, Inc.	Emergency Telephone Number 1-800-535-5053
Address 8303 Corporate Park Drive	Telephone Number for Information (216) 367-7000
Macedonia, Ohio 44056	Date Prepared 10/18/07 CHECKED

Section 2- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	IDLH	% (optional)
MICA	NA	20 MPPCF	NA	90%
SILICONE RESIN	NA	10 MG/M ³	NA	10%

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

Section 3- Physical/Chemical Characteristics

Boiling Point	Range	NA	Specific Gravity (H ₂ O=1)	1.8-2.0
Vapor Pressure @ 70°F		NA	Melting Point	NA
Vapor Density (Air=1)	Heavier than air	NA	Evaporation Rate	NA
Solubility in Water	NIL		Appearance and Odor	SILVERY GRAY SOLID

Section 4- Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	NA	LEL	UEL
Extinguishing Media	CO ₂ OR FOAM				
Special Fire Fighting Procedures	SELF CONTAINED BREATHING APPARATUS IF EXCESS SMOKE IS GENERATED				
Unusual Fire and Explosion Hazards	None known				

Section 5- Reactivity Data



Stability	Unstable		Conditions to Avoid
	Stable	X	High Temperatures

Incompatibility (Materials to avoid) NONE

Hazardous Decomposition or Byproducts Silicon dioxide, carbon dioxide, and incompletely burned carbon products.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	None

Section 6- Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
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Health Hazards (Acute & Chronic)

INHALATION: fresh air
 EYES: flush eyes thoroughly with water
 SKIN: NA
 INGESTION: NA

Carcinogenicity: NA NTP? IARC Monographs? OSHA Regulated?

OSHA permissible exposure limit 20 MPPCF dust ACGIH threshold limit value 20 MPPCF dust
 OTHER exposure limit used 5 mg/m³ respirable dust

Signs and Symptoms of Exposure If excess dust is generated in machining-dust mask is required above 20 MPPCF

Medical Conditions: Generally aggravated by exposure: cough, eye irritation

Emergency and First Aid Procedures see above

Section 7- Precautions for safe handling and use

Steps to be taken in case material is released or spilled	Sweep or vacuum
Waste disposal method	Dispose in accordance with local, state and federal regulations in approved land fill.
Precaution to be taken in handling and storing	Use reasonable care and caution.
Other precautions	None

Section 8- Control measures

Respiratory protection (Specific type)	Dust mask		
Ventilation	Local exhaust	Special	
	Mechanical (general)	To meet TLV requirements	Other
Protective gloves	NA	Eye protection	Goggles if machining
Other protective clothing or equipment	avoid dust if machining		
Work/Hygienic practices:	Do not smoke while using. Wash hands after use.		