



an EnPro Industries company

## Material Safety Data Sheet Mica Washers

### SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

Common Name (used on label)	Mica
Trade Name & Synonyms	
Chemical Name:	Phlogophite
Chemical Family:	Potassium Magnesium Aluminum Silicate Hydroxide

### SECTION 2: Hazards Ingredients

Principal Hazardous component (s) Chemical & Common Names		
Name	%	Threshold Limit Value (units)
MICA	100%	Dust TLV = 3mg/m(3) respirable dust

### SECTION 3: Physical & Chemical Characteristics (Fire & Explosion Data)

Boiling Point	N/A
Specific Gravity	(H <sub>2</sub> O = 1) 1.8-2.0
Vapor Pressure (mm Hg)	N/A
Percent Volatile by Volume (%)	
Vapor Density (Air = 1)	N/A
Evaporation Rate (____=1)	N/A
Solubility in Water	NIL
Reactivity in Water	N/A
Appearance and Odor	Amber Solid – No odor
Flash Point	N/A
Flammable Limits in Air % by Volume	N/A
Lower Upper Extinguisher Media	N/A
Auto-Ignition Temperature	N/A
Special Fire Fighting Procedures	Non Flammable
Unusual Fire and Explosion Hazards	None Known

### SECTION 4: Physical Hazards

Stability	Unstable/ <b>Stable</b>	Conditions to Avoid: NONE
Incompatibility (Material to Avoid)	NONE	
Hazardous Decomposition Products	NONE	
Hazardous Polymerization	May Occur/ <b>Will Not Occur</b>	Conditions to Avoid: NONE



**SECTION 5: Health Hazards**

Threshold Limit Value	TWA = 3mg/m(3) respirable dust
Signs and Symptoms of Exposure	
1. Acute Overexposure	NONE
2. Chronic Overexposure	IF EXCESS DUST IS GENERATED IN MACHING OR HANDLING – DUST MASK IS REQUIRED ABOVE 3mg/m(3) respirable dust
Medical Conditions Generally Aggravated by Exposure	NONE
Chemical Listed as Carcinogen or Potential Carcinogen	N/A
OSHA Permissible Exposure Limit	3mg/m(3) respirable dust
ACGIH Threshold Limit Value	3mg/m(3) respirable dust
Emergency and First Aid Procedures	
1. Inhalation	Fresh Air
2. Eyes	Flush Eyes thoroughly with water
3. Skin	N/A
4. Ingestion	Induce Vomiting

**SECTION 6: Special Protection Information**

Respiratory Protection (Specific Type)	DUST MASK AT PEL. DUST MASK WHEN MACHINING & CUTTING.
Ventilation	Local Exhaust    Mechanical (general)    Special    Other
	To meet TLV Requirements
Protective Gloves	N/A
Eye Protection	Goggles if machining or cutting
Other Protective Clothing or Equipment	N/A

**SECTION 7: Handling and Storage**

Precautions to be taken in handling and storage:	NONE
Other Precautions:	Avoid Breathing Dust
Steps to be taken in case Material is released or spilled:	Sweep or Vacuum
Waste Disposal Methods:	Normal Disposal