

MATERIAL SAFETY DATA SHEET

Section 1 - Material Identity	
Product Name: METAL MANIA #4240	Product Use: Polishing Compound
Manufacturer(s) Supplier(s) Name & Address	Telephone Number: (215) 698-0500
ARDEX LABORATORIES, INC. 2050 BYBERRY ROAD PHILADELPHIA , PA 19116	Days: (215) 698-0500 Nights: CHEMTREC: 800/424-9300
DOT Proper Shipping Name: POLISHING COMPOUND.	

Section 2 - Physical & Chemical Characteristics		
V.O.C.: 0.00% by weight. OTC VOC compliant for 2005.		
Vapor Density (air=1): NA	Solubility in Water by Weight: DISPERSIBLE	Boiling Point: 210-312 Deg. F.
Appearance and Odor: bluish-white, OPAQUE, THICK liquid with a characteristic hydrocarbon-odor.	Specific Gravity: 1.00-1.45	Freezing Point: 18 F
Vapor Pressure at 20EC: 15.5 TORR	Percent Volatile by Volume: <90%	Evap. Rate (Butyl Acetate=1): N/A

Section 3 -Ingredients & Specifications				
Materials	%	TLV	Hazard	CAS Number
MORPHOLINE* *as morpholene oleate		20 ppm	flammable	110-91-8
Petroleum Distillate		100 ppm	combustible	64742-47-8
Water		N/A	none	7732-18-5
OLEIC ACID				112-80-1
Calcined Alumina		10 mg/m3	dust	1344-28-1
POLYDIMETHYLSILOXANE				63148-62-9

Section 4 - Fire & Explosion Hazard Data	
Flash Point & Method:	>160 F
Flammable Limits in Air % by volume:	Lower: 1.0 Upper: 8.0
Extinguishing Media:	dry chemical, carbon dioxide, halon, foam or water spray
Special Fire Fighting Procedures:	Water spray be useful in minimizing or dispersing vapors and cooling containers exposed to heat and flame.
Unusual Hazards:	Due to electrostatic accumulation hazards, containers and equipment must all be grounded. Product at elevated temperature will give off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point

Section 5 - Health Hazard Data	
Route of Entry	Skin and Ingestion
Effects of Acute Exposure: HEALTH: 2 FLAMMABILITY: 2 PHYSICAL HAZARD: 0 PERSONAL PROTECTION: E	a) Skin Contact: Mild irritation, avoid contact with abraded skin
	b) Eye Contact: May cause irritation, redness, tearing
	c) Swallowing: May cause mild irritation to gastrointestinal tract, vomiting, nausea, diarrhea
	d) Skin Absorption: Mild irritation; Avoid contact with abraded skin.
	e) Inhalation: Slight Irritation

Chronic Effects of Overexposure:	Exposure to high concentration of this material (i.e., in enclosed spaces or with deliberate abused) may be associated with cardiac arrhythmias. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain & nervous system damage.
Other Health Hazards:	N/A
Emergency and First Aid Procedures:	a) Skin: Rinse with water. If irritated wash with mild soap and water. Contact physician.
	b) Eyes: Flush immediately with large amount of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.
	c) Swallowing: Do NOT induce vomiting. Give two (2) glasses of water. Contact physician immediately.
	d) Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult. Contact physician.

Carcinogen Evaluation

Raw material components contained in this product are not known or suspected to be carcinogens. Proposition 65: Ethyl acrylate is known in the State of California to cause cancer. This product contains negligible trace amount of ethyl acrylate.

Section 6 - Reactivity Data

Stability -	Yes
Conditions to Avoid for Stability	See below
Incompatibility (Materials to Avoid) -	Avoid strong acids or bases, Oxidizing Agents. Vapor from this product will form combustible mixtures with air.
Hazardous Polymerization -	Will not occur
Hazardous Decomposition/Byproducts	Carbon dioxide or carbon monoxide

Section 7 - Spill or Leak Procedures

Release/Spill Procedures	Steps to be Taken: Ventilate area. Absorb into non-reactive media such as vermiculite and sweep into non-reactive vessel. (steel drum or pail.) Mop up spill for reuse/disposal
	Waste Disposal Method: Above in accordance with local, state and federal regulations.

Section 8 - Special Protection Information

Protective Equipment	Eyes: Safety goggles
	Respirator: RECOMMENDED; DUST MASK
	Gloves: Protective gloves. Wear impermeable gloves (butyl or heavy vinyl latex type).
	Other: If possibility exists for splashing wear faceguard with side shields. Use respirator when working in a totally closed system.
Ventilation	General Mechanical: None required
	Other: USE IN A WELL VENTILATED AREA

Section 9 - Special Precautions

Handling & Storage	General: N/A
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Section 10- Other Information

The information contained herein is based on data considered accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility for personal injury or property damage to vendees, users or third parties caused by the material. We also do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

Prepared By:

ARDEX LABORATORIES, INC.

New/Revision Date: 03/14/05