

MSDS

HERTRON INTERNATIONAL, INC.

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **VITREGEL POLISH, 80, 220, 320, 500**

Date: 6/24/02

H.M.I.S.

PRODUCT USE: Marble and Terrazzo Polishes

COMPANY:

HERTRON INTERNATIONAL, INC.
306 CLANTON ROAD
CHARLOTTE, NC 28217

EMERGENCY PHONE: 800-438-5066

3	HEALTH	HAZARD RATING 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
0	FIRE	
1	REACTIVITY	
C	MAXIMUM PERSONAL PROTECTION	

A=Goggles, B=Goggles & Gloves, C=Goggles, Gloves & Apron

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Potassium Oxalate, monohydrate	6487-48-5	4-5	N/A	N/A	7.5g/kg	N/A
Oxalic Acid, Dihydrate	6153-56-6	40-50	1mg/m3	1mg/m3	375mg/kg	N/A
Magnesium Fluorosilicate, Hexahydrate	16949-65-8	3-5	2.5mg/m3 as F-	2.5mg/m3 as F-	125mg/kg	N/A
Zinc Sulfate, Hexahydrate*	7733-02-0	0.2-0.3	N/A	15mg/m3	N/A	N/A
Silicon Carbide	409-21-2	0-7	N/A	N/A	N/A	N/A

SARA: None of these materials contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR part 372.

*SARA: This material contains a toxic chemical or chemicals listed in section 355, Appendix A, of the Superfund Amendments and Reauthorization Act of 1986.

PROPOSITION 65: None of these materials contains a chemical or chemicals that appear on California's list of "chemicals known to the state to cause cancer or reproductive toxicity, May 17, 2002"

SECTION 3 – PHYSICAL DATA

Color and Odor: White or gray, no odor	Boiling Point: N/A	Vapor Pressure (mmHg): N/A	pH: 0.4-1.0
Physical State: Gel	Freezing Point: N/A	Vapor Density (Air=1): N/A	Specific Gravity: N/A
Odor Threshold: N/A	Water/Oil Distribution: N/A	Evaporation Rate (Water=1): N/A	Solubility in Water: Largely Soluble

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N/A.	Autoignition Temperature: N/A	Extinguishing Media: Use media proper to the primary cause of fire.
Flammable Limits: N/A.	LEL: N/A UEL: N/A	Special Fire Fighting Procedures: Use proper protective equipment.
Hazardous Combustion Products: Carbon oxides, formic acid		Unusual Fire and Explosion Hazards: N/A

SECTION 5 – REACTIVITY DATA

Chemical Stability: Yes X No ___	Hazardous Decomposition of By-Products: N/A
Incompatibility (Materials to Avoid): Alkalis, Oxidizing agents	Hazardous Polymerization: May Occur ___ Will Not Occur X

SECTION 6 – TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes	Toxicologically Synergistic Products: None known		
Sensitization: Not Known	Medical Conditions Aggravated by Exposure: N/A		
Carcinogenicity: N/A	Teratogenicity: N/A	Mutagenicity: N/A	Reproductive Toxicity: N/A

EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC):

Eyes: May cause severe irritation and possible eye burns.

Skin: May cause irritation.

Ingestion: May cause severe irritation, burns or hemorrhaging of the gastrointestinal tract. May cause kidney damage, severe pain, diarrhea and shock.

Inhalation: May irritate the respiratory tract.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.	Ventilation: Local Exhaust: _____ Mechanical: X
Protective Gloves: Rubber or PVC	Eye Protection: Goggles
Protective Clothing and Equipment: Boots and apron	Work and Hygienic Practices: Wash hands and face before eating, drinking or smoking
Storage Requirements: Store in closed containers in a cool place away from food	Other Requirements: Keep out of the reach of children.

Steps To Be Taken If Material Is Spilled or Released: Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 – EMERGENCY AND FIRST AID PROCEDURES

FIRST AID NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 30 minutes holding eyelids open. Seek medical attention immediately.

Skin: Remove contaminated clothing and footwear. Flood/shower with water for 30 minutes. If symptoms persist, seek medical attention.

Ingestion: Rinse mouth with water. Give 2-4 cupfuls of milk or water. Seek medical attention immediately.

Inhalation: Remove to fresh air and rest. If symptoms persist, seek medical attention.