

MSDS

HERTRON INTERNATIONAL, INC.

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **PRIME GRIND FORMULA 2**

Date: 05/01/08

H.M.I.S.

PRODUCT USE: Hardening Agent

COMPANY:

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

EMERGENCY PHONE: 800-535-5053

2	HEALTH	HAZARD RATING 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
0	FIRE	
0	REACTIVITY	
A	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
Zinc Sulfate, Hexahydrate	7733-02-0	1-2	N/A	15mg/m3	N/A	N/A
Magnesium Fluorosilicate, Hexahydrate	16949-65-8	15-25	2.5mg/m3	2.5mg/kg	125mg/kg	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. None of the materials contain 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: Water White, No odor	Boiling Point: N/A	Vapor Pressure (mmHG): N/A	pH: 2-3
Physical State: Liquid	Freezing Point: N/A	Vapor Density (Air=1): N/A	Specific Gravity: 1.108
Odor Threshold: N/A	Water/Oil Distribution: N/A	Evaporation Rate (Water=1): N/A	Solubility in Water: Miscible

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		Unusual Fire and Explosion Hazards: None Known

SECTION 5 – REACTIVITY DATA

Chemical Stability: Yes X No ___	Hazardous Decomposition of By-Products: N/A
Incompatibility (Materials to Avoid): Acids	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 irritation.
Skin: May cause irritation.
Ingestion: May cause severe irritation of the gastrointestinal tract. POISON (fluoride)
Inhalation: Dust may irritate the respiratory tract when used with inadequate ventilation.

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: Normal Work Clothes. 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.
Skin: Remove contaminated clothing and footwear. Flood/shower with water for 30 minutes. Use soap
Ingestion: Dilute with milk or lime water. Induce vomiting. Seek medical attention immediately.
Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

SECTION 9 -- TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: MAGNESIUM HEXAFLUOROSILICATE
HAZARD CLASS/ UN: 6.1, UN2853
PACKING GROUP: III