

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **ZETA SEAL**  
 PRODUCT USE: Water and oil repellent sealing agent

Date: 6/25/02

H.M.I.S.

COMPANY:

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

EMERGENCY PHONE: 800-438-5066

2	HEALTH	HAZARD RATING 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
2	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
<u>Odorless Mineral Spirits*</u>	8052-41-3 or 64741-65-7	>95	500ppm N/A	100ppm N/A	34.6g/kg N/A	21.4g/m3 N/A
<u>Perfluoroalkyl acrylate copolymer</u>	N/A	<5	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 may contain a hazardous substance listed in 40 CFR 302.4. This substance is 2,2,4 – Trimethylpentane, CAS No.540-84-1, conc.=0-2%.

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, ethereal odor  
 Physical State: Liquid  
 Odor Threshold: N/A VOC: 740gr/ltr.

Boiling Point: 210-415Deg F (OMS)  
 Freezing Point: <13Deg F (OMS)  
 Water/Oil Distribution: N/A

Vapor Pressure (mmHg): 1.2 at 68Deg F (OMS) pH: N/A  
 Vapor Density (Air=1): 5.2 (OMS)  
 Evaporation Rate (BuAc=1): <0.17 (OMS)

Specific Gravity: 0.775  
 Solubility in Water: Insoluble

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 125-127Deg F (OMS). Autoignition Temperature: 235Deg F (OMS)  
 Flammable Limits: OMS. LEL: 1.0% UEL: 6.0%

Hazardous Combustion Products: Carbon Oxides, HF

Extinguishing Media: Use media proper to the primary cause of fire.  
 Special Fire Fighting Procedures: Use proper protective equipment.  
 Unusual Fire and Explosion Hazards: Combustible Liquid. Possibility of toxic decomposition

## SECTION 5 – REACTIVITY DATA

Chemical Stability: Yes X No \_\_\_  
 Incompatibility (Materials to Avoid): Oxidizing agents, alkalis

Hazardous Decomposition of By -Products: N/A  
 Hazardous Polymerization: May Occur\_\_\_ Will Not Occur X

## SECTION 6 – TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes  
 Sensitization: Not Known

Toxicologically Synergistic Products: None 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 slight irritation. Potential for kidney damage on repeated exposure.  
 Ingestion: May cause irritation of the gastrointestinal tract. Vomiting may occur. May cause pulmonary injury.  
 Inhalation: 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: X Mechanical: X  
 Protective Gloves: None normally required. 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: Seek medical attention, immediately. Do not induce vomiting.  
 Inhalation: Remove to fresh air and rest. Seek medical attention.