

MSDS

HERTRON INTERNATIONAL, INC.

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **LIQUID FRICTION**

PRODUCT USE: Improves slip resistance of stone floors

COMPANY:

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

EMERGENCY PHONE: 800-438-5066

Date: 6/18/02

H.M.I.S.

1	HEALTH	HAZARD RATING 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
1	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>Acrysol 644</u>	N/A	2-3	N/A	N/A	N/A	N/A
<u>Nonionic Polyolefinic emulsion</u>	N/A	3-4	N/A	N/A	N/A	N/A
<u>Odorless Mineral Spirits*</u>	8052-41-3 or 6471-65-7	10-12	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: Milky, slight odor	Boiling Point: N/A	Vapor Pressure (mmHg): N/A	pH: 7.5-8.5
Physical State: Liquid	Freezing Point: N/A	Vapor Density (Air=1): N/A	Specific Gravity: 0.99
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): None Known	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: Skin and eye disease.		
Carcinogenicity: N/A	Teratogenicity: N/A	Mutagenicity: N/A	Reproductive Toxicity: N/A

EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC):

Eyes: May cause slight irritation.

Skin: May cause slight irritation.

Ingestion: May cause drowsiness, dizziness, vomiting.

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	Eye Protection: Goggles
Protective Clothing and Equipment	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. Wash skin with soap and water.

Ingestion: Poisonous if swallowed. Seek medical attention immediately.

Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.