

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Northern Lights Floor Finish			WHMIS Classification: MINIMAL	
Product Use: Floor Finish				
Manufacturer's Name: Green Touch Systems, LLC			Supplies Name	
Street Address: 1170 Eagan Industrial Rd.			Street Address	
City: Eagan	Province/ State MN	City		Province
Postal Code: 55122	Emergency Telephone: 1-800-370-6490	Postal Code	Emergency Telephone	
Date MSDS Prepared: APRIL 2008		MSDS Prepared by: Green Touch Systems, LLC		Phone Number: 1-952-746-8733

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient <i>(specify species and route)</i>	LC ₅₀ of Ingredient <i>(specify species)</i>
DIPROPYLENE GLYCOL PROPYL ETHER	5-7	1569-01-3	2920 mg/kg (oral, rat)	N/AV
TRIBUTOXYETHYL PHOSPHATE PLASTICISER	1-2	78-51-3	3000 mg/kg (oral, rat)	> 20 mg/L
ALIPHATIC ALKYD ALCYLIC POLYMER	20-25	N/AV	N/AV	N/AV
WATER	66	7732-18		

SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols]
[Potential Health Effects] prolonged or repeated exposure can cause skin drying.

SECTION 4 - FIRST AID MEASURES

Skin Contact Wash with soap and water. If irritation persists seek medical attention
Eye Contact Flush with copious amounts of potable water. Seek medical attention immediately.
Inhalation
Ingestion Drink 3-4 glasses of MILK or WATER. NO NOT INDUCE vomiting. Seek Medical Attention

SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?
Means of Extinction As for surrounding Fire. Normal Fire - Fighting Procedures		
Flashpoint (°C) and Method None	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP
Autoignition Temperature (°C) None	Explosion Data - Sensitivity to Impact NO	Explosion Data - Sensivity to Static Discharge NO
Hazardous Combustion Products Oxides of Carbon		
[NFPA] NONE		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Large spill: dike with absorbent, collect in drum, then dispose. Rinse with water and let dry.

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment Normal handling procedures, avoid skin and eye contact.
Storage Requirements Store in well ventilated area. Recommended temperature 15°C

SECTION 8 - EXPOSURE CONTROL / PERSONAL PRETECTION

Exposure Limits <input checked="" type="checkbox"/> N/AV <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation enclosed process) Normal ventilation
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Neoprene Minimum - NIOSH Approved, organic vapour cartridges for overexposures Chemical splash goggles. Impervious

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Emulsion	Odour and Appearance Mild Odor; Milk White Solution	Odour Threshold (ppm) N/AV
Specific Gravity 1.035	Vapour Density (air = 1) < 1	Vapour Pressure (mmHg) 17 mmHg
Evaporation Rate > 1	Boiling Point (°C) >100°C	Freezing Point (°C) <0°C
pH 8.5 ± 0.5	Coefficient of Water / Oil Distribution 100% water soluble	[Solubility in Water] 100%

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizing agents
Reactivity, and under what conditions? None	
Hazardous Decomposition Products None	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Inhalation, eye, skin contact may cause irritation	
Effects of Chronic Exposure Prolonged or repeated exposue may cause skin drying.	
Irritancy of Product contact with eyes / skin	
Skin Sensitization N/AV	Respiratory Sensitization
Carcinogenicity -IARC No	Carcinogenicity - ACGIH No
Reproductive Toxicity N/A	Teratogenicity N/A
Embryotoxicity	Mutagenicity N/A
Name of Synergistic Products / Effects N/A	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity Molibity= N/A Persistence= N/A Bioaccumulative = N/A

Aquatic Toxicity: Low potential affect on Aquatic organism and secondary waste treatment microbial respiration. When diluted with a large amount of water, this material is released directly or indirectly into the environmnet is not expected a

THOD (G Oxygen G)= -1.9 COD (G Oxygen (G) = 1.9 BOD5 (G Oxygen (ML) = 0.14

Acute Aquatic effects Data: 24 hrs LC₅₀ (Goldfish) mg/L 75,000 mg/L96 hrs LC₅₀ (Blue Gill Sunfish) mg/L 710,000 mg/L**SECTION 13 - DISPOSAL CONSIDERATIONS**

Waste Disposal

According to local, provincial and federal government requirements

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information:

Normal procedures. Keep from freezing.

PIN

TDG: N/AP

[DOT]

[IMO]

[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] Class D Div 2 Materials Causing Other Toxic Effects

[OSHA]



[SERA]

[TSCA]

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR

SECTION 16 - OTHER INFORMATION

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.