



## Safety Data Sheet

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### **1. PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER:	Hero Flooring 1371 Raiders Way, STE 160 Henderson, NV 89052
EMERGENCY CONTACT NUMBER:	CHEMTREC 1-800-424-9300 (24 hour response)
PRODUCT NAME:	Hero Safeguard
MATERIAL CODE:	
PRODUCT USE:	Floor Treatment
FORMULA:	Not Applicable

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### **2. INFORMATION ON HAZARDOUS INGREDIENTS**

Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**ACUTE EFFECTS: Routes of Entry-** Skin, and Eye

**Eyes-** Irritating to eyes. Inflammation of the eye is characterized by redness, watering, and itching. Continue to rinse for 10 minutes. Seek medical attention if irritation persists.

**Skin-** Flush affected skin with plenty of water. For severe exposures, get under safety shower after removing clothing, then get medical attention. For lesser exposures, seek medical attention if irritation develops or persists after the area is washed.

**Inhalation-** Harmful by inhalation.

**Ingestion-** Harmful if swallowed.

**CHRONIC EFFECTS:**

Contains material that causes damage to kidneys, liver, central nervous system.

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### **3. HAZARDS IDENTIFICATION**

HAZARDOUS INGREDIENTS	CAS #	% Range
2-(ETHOXYETHOXY)-ETHANOL:	111-90-0	~ 1 - 5
DIPROYLENE GLYCOL METHYL ETER:	34590-94-8	1-5

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### **4. FIRST AID MEASURES**

EYES:	Immediately flush eyes with plenty of water, preferably luke warm, for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists.
INHALATION:	Remove individual to fresh air. Administer oxygen or artificial respiration as needed by trained personnel. Obtain medical attention.
SKIN CONTACT:	If clothing comes in contact with the product, the clothing should be removed immediately and should be laundered before re-use. Wash skin thoroughly with soap and water. For severe exposures, get under safety shower after removing clothing, then get medical attention. For lesser exposures, seek medical attention if irritation develops or persists after the area is washed.
INGESTION:	Call a physician immediately. DO NOT induce vomiting. Give small amounts of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention.

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## **5. FIRE FIGHTING MEASURES**

**FLAMMABILITY SUMMARY:**

**This material supports combustion. During a fire, vapors and irritating toxic gases may be generated by thermal decomposition or combustion.**

FLASH POINT:	Closed cup-n/a
AUTOIGNITION TEMPERATURE:	No Data
UPPER FLAMMABLE LIMIT, % IN AIR:	No Data
LOWER FLAMMABLE LIMIT, % IN AIR:	No Data
EXTINGUISHING MEDIA:	Use foam, dry chemical or water spray when fighting fires. If water is used, very large quantities are required. Contain run off water with temporary barriers.
FIRE FIGHTING INSTRUCTIONS:	In case of fire, use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool fire-exposed containers to minimize the risk of rupture.
COMBUSTION PRODUCTS:	Carbon oxides, carbon dioxide, and other unidentifiable organic compounds

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## **6. ACCIDENTAL RELEASE MEASURES**

SPILL/LEAK PROCEDURES:	Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel. Cover spill with absorbent material, such as sand, sawdust or sweeping compound. Shovel into unsealed containers, transport to well-ventilated area (outside) Clean-up floor area with water, letting stand for at least 15 minutes.
PERSONAL PROTECTION:	Additional protective clothing must be worn to prevent contact with this chemical. Items include but are not limited to boots, impervious gloves, hard hat, splash-proof goggles, chemically impermeable suit, and self-contained breathing apparatus.

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## **7. HANDLING AND STORAGE**

HANDLING PROCEDURES:	Avoid skin and eye contact. Do not breathe vapors or aerosols if generated. Warning signs (irritation of the eyes, nose or throat, or odor) are not adequate to prevent chronic exposure from inhalation.
STORAGE REQUIREMENTS:	Store in a cool, dry and well ventilated place, away from direct sunlight. Isolate from incompatible materials. Store in a tightly closed container.
SHELF LIFE:	Six months
STORAGE TEMPERATURE:	Store at 4.4 - 49 °C

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## **8. EXPOSURE CONTROLS**

LIMITS, SKIN: TWA: 100 PPM 8 HR

EYE PROTECTION:	Liquid chemical goggles or full face shield. Contact lenses should not be worn. Eyewash stations should be accessible to the work area.
RESPIRATORY PROTECTION:	None under normal use.
SKIN PROTECTION:	Chemically resistant gloves (butyl rubber, nitrile rubber, or Nitrile). Safety showers should be accessible to the work area.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Liquid
COLOR:	white
ODOR:	acrylic
VOC:	1.9%
SPECIFIC GRAVITY @ 22°C:	1.03
VAPOR PRESSURE:	Same as water

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EVAPORATION RATE: 1  
BOILING POINT: 100C (212F)  
FREEZING POINT: 0C  
PH: 8-9  
SOLUBILITY IN WATER: Easily

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## **10. STABILITY AND REACTIVITY**

<b>STABILITY AND REACTIVITY SUMMARY:</b>	<b>Stable under normal conditions. Not sensitive to mechanical shock or to static discharge.</b>
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HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: Acids  
CHEMICAL INCOMPATIBILITY: Oxidizing materials, peroxides  
DECOMPOSITION PRODUCTS: None under normal conditions.

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## **11. TOXICOLOGICAL INFORMATION**

CARCINOGENICITY: No known or significant effects

### PRODUCT ANIMAL TOXICOLOGY: (DIETHYLENE GLYCOL MONOETHYL ETHER)

ORAL LD50 VALUE (RAT): 10502 mg/Kg  
DERMAL LD50 VALUE: 9143 mg/Kg  
INHALATION LC50 VALUE: >200 mg/Kg

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## **12. DISPOSAL CONSIDERATIONS**

<b>CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.</b>
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### **13. TRANSPORT INFORMATION**

WATER (IMDG): Not Regulated

CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG): Not Regulated

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### **14. REGULATORY INFORMATION**

WHMIS CLASSIFICATION: D-2B: Material causing other toxic effects. (toxic)

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THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. HERO FLOORING BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION BUT, MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MSDS IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT HERO FLOORING AT THE PHONE NUMBER ON THE FRONT PAGE TO MAKE CERTAIN THAT THIS DOCUMENT IS CURRENT.