



## SAFETY DATA SHEET

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REVISION DATE: 3/12/2015

SUPERSEDES: 2/6/2006

### SECTION 1: IDENTIFICATION

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#### COMPANY INFORMATION

HOT FOOT AMERICA

PO BOX 1339

SAUSALITO CA 94966

Phone: 415-789-5135

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

#### PRODUCT INFORMATION

PRODUCT NUMBER: HOT FOOT REPELLENT GEL

PRODUCT DESCRIPTION: GEL

### SECTION 2: HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW

Cancer hazard.

HMIS RATING: HEALTH -- 0      FLAMMABILITY -- 1      REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

#### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: No irritation hazard in normal industrial use.

SKIN: No irritation hazard in normal industrial use.

INHALATION: Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination. Overexposure to crystalline silica may cause silicosis. This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

INGESTION: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.

#### LONG-TERM (CHRONIC) HEALTH EFFECTS

TARGET ORGAN(S): Blood Liver Central nervous system Lungs

#### REGULATED CARCINOGEN STATUS:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

Crystalline silica

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Blood disorders (like anemia); Liver disease; Lung disease

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous



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Materials Information System ingredient disclosure list. See Section 8 for any additional exposure limit guidelines.

Chemical Name	CAS #	PERCENT	OSHA PEL
Ethyl alcohol	64-17-5	1 - 5	TWA 1000 ppm
Crystalline silica	14808-60-7	0.1 - 1	TWA (Respirable dust) 0.1 MG/M3

### SECTION 4: FIRST AID MEASURES

IF IN EYES: None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

IF ON SKIN: Wash with soap and water.

IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

### SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	Not applicable
AUTOIGNITION TEMPERATURE:	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
UPPER EXPLOSIVE LIMIT (% in air):	Not established
EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Material will burn in a fire.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, Carbon monoxide Chlorine containing gases Nitrogen containing gases

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION:	No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.
CLEAN-UP:	Scrape up and place in disposal container.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

### SECTION 7: HANDLING AND STORAGE

Handling: No special handling instructions due to toxicity.  
Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.



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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:	Wear safety glasses when handling this product.
SKIN PROTECTION:	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
GLOVES:	Not normally required. Use nitrile gloves if conditions warrant.
RESPIRATORY PROTECTION:	Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).
VENTILATION:	Use local exhaust ventilation or other engineering controls to minimize exposures.

### EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS	AIHA WEEL
Ethyl alcohol	TWA 1000 ppm	Not established
Crystalline silica	TWA (Respirable dust) 0.05 MG/M3	Not established

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Semi-solid
COLOR:	Off-white
ODOR:	Neutral Mild
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	7.5
SPECIFIC GRAVITY:	0.9
SOLIDS (% by weight):	97.0
pH:	Not established
BOILING POINT (deg. C):	Not established
FREEZING/MELTING POINT (deg. C):	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established
OCTANOL/WATER COEFFICIENT:	Not established

### SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY:	Not established
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide Chlorine containing gases Nitrogen containing gases

**SAFETY DATA SHEET****SECTION 11: TOXICOLOGICAL INFORMATION**

CHEMICAL NAME	LD50/LC50
Ethyl alcohol	Oral LD50 Rat = 7060 mg/kg Inhalation LC50 Rat =20000 ppm (No duration specified)
Crystalline silica	Not established

TOXICOLOGY SUMMARY: No additional health information available.

**SECTION 12: ECOLOGICAL INFORMATION**

OVERVIEW: No ecological information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

**SECTION 14: TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED  
IATA: NOT REGULATED

**SECTION 15: REGULATORY INFORMATION****INVENTORY STATUS**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.  
CANADIAN CEPA  
DSL: This product is in compliance with the Canadian Domestic Substance List requirements.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others).

**FEDERAL REPORTING****EPA SARA Title III Section 313**

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
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WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

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### **SECTION 16: ADDITIONAL INFORMATION**

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This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Hot Foot America from its suppliers, and because Hot Foot America has no control over the conditions of handling and use, Hot Foot America makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Hot Foot America assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Hot Foot America products to comply with all applicable federal, state and local laws and regulations.

# HOT FOOT AMERICA

PO BOX 1339 SAUSALITO CA 94966

## CRYBAL COAT SAFETY DATA SHEET

### EMERGENCY INFORMATION

MEDICAL: 1-800-633-9576

TRANSPORTATION: 1-800-535-5053

### SECTION ONE

PRODUCT NAME: **Hot Foot Crystal Coat**

PRODUCT CODE: **49500**

ISSUE DATE: 9/12/2020

REVISED DATE: 6/1/20

### SECTION TWO

#### HAZARDOUS COMPONENTS

#### EXPOSURE LIMITS

	OSHA	ACGIH	OTHER	%	CAS NO
1,2-Butylene Oxide	NE	NE	N/A	70-75	106-88-7
Xylene	100 ppm	100 ppm	150 ppm*	15-20	1330-20-7
Carbon Dioxide	5000 ppm	5000 ppm	15000 ppm*	3	124-38-9

#### ABBREVIATIONS

NE: None Established N/A: Not Applicable \*: ACGIH "STEL" Guidelines ND: Not Determined STEL: Short Term Exposure Limits (+) United Kingdom Exposure Limit

### SECTION THREE - PHYSICAL DATA

BOILING POINT: N/D VAPOR PRESSURE (mmHg or psig @ 70F): 75 psig  
SPECIFIC GRAVITY(conc.) (H<sub>2</sub>O=1): 1.2-1.3 VAPOR DENSITY (AIR=1): Heavier than  
SOLUBILITY IN WATER % BY WT: None. EVAPORATION RATE (Butyl Acetate=1): Faster than  
APPEARANCE & ODOR: Colorless liquid with faint ethereal odor VOC CONTENTS % BY WT: 97%

### SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D No flame extension as an aerosol. Flammable limits: UEL 12.3% LEL 1.9%  
EXTINGUISHING MEDIUM: As appropriate for combustibles in area  
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBA'S in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because residue may ignite explosively.

### SECTION FIVE - REACTIVITY DATA

STABILITY: Stable, avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition. Direct sunlight.

**PRODUCT NAME: Hot Foot Crystal Coat**  
**PRODUCT CODE: 49500**

#### **SECTION FIVE - REACTIVITY DATA (continued)**

**INCOMPATIBILITY:** Strong oxidizing agents, strong acids, strong bases, organic and inorganic acid chlorides, acid anhydrides, halogen, and molten sulfur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen bromide and/or bromide, carbon monoxide, carbon dioxide,

**HAZARDOUS POLYMERIZATION:** Will not occur

#### **SECTION SIX - HEALTH HAZARD DATA**

##### **EFFECTS OF OVER EXPOSURE**

**EYE CONTACT:** Can cause eye irritation and chemical burns are possible.

**SKIN CONTACT:** Causes skin irritation and chemical burns are possible.

**SKIN ABSORPTION:** A single prolonged skin exposure is not likely to result in harmful amounts.

**INGESTION:** TOXIC. Harmful if swallowed. May cause liver and kidney effects. **ASPIRATION HAZARD.** Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

**INHALATION:** High concentrations of the vapor are irritating to the respiratory tract, may cause headaches, drowsiness, and unconsciousness. Repeated inhalation of high concentrations may cause lung, kidney, liver, urinary, blood, bone marrow, heart, eye, reproductive, and fertility effects, and other central nervous system effects including death.

##### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Flush with large amounts of water, for at least 15 minutes occasionally lifting upper and lower eyelids. Get medical attention.

**SKIN CONTACT:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, seek medical attention.

**INHALATION:** If affected remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

**INGESTION:** Ingestion is not considered a potential route of exposure as an aerosol but, if swallowed, **do not induce vomiting.** Immediately drink two glasses of water. Never give anything by mouth to an unconscious person. Call a physician and transport to an emergency facility immediately.

#### **SECTION SEVEN - ENVIRONMENTAL AND DISPOSAL INFORMATION**

**ACTION TO TAKE FOR SPILLS/LEAKS:** Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area) and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

**WASTE DISPOSAL METHOD:** When disposing of unused contents, the preferred options are to send to a licensed reclaimer or to permitted incinerator. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

#### **SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS**

Store in tightly sealed containers. Keep away from heat, sparks and open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

**PRODUCT NAME: Hot Foot America's Acrylic Resin**  
**PRODUCT CODE: 49500**

**SECTION NINE - PROTECTIVE MEASURES**

**PROTECTIVE GLOVES:** For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as Viton or Norfoil.  
**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier). Other protective equipment: to prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

**SECTION TEN - REGULATORY INFORMATION**

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:**

CHEMICAL	CAS NUMBER	CONCENTRATION %
1,2-Butylene Oxide	106-88-7	70-75
Xylene	1330-20-7	15-20

**FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act OF 1980 (CERCLA)** requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQS) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs. #'s
Xylene	1330-20-7	15-20	100

**CALIFORNIA PROPOSITION 65 No.**

**MASSACHUSETTS RIGHT TO KNOW: Yes**

1,2-Butylene Oxide	106-88-7	70-75
Xylene	1330-20-7	15-20
Carbon Dioxide	124-38-9	3

**PENNSYLVANIA RIGHT TO KNOW: Yes**

1,2-Butylene Oxide	106-88-7	70-75
Xylene	1330-20-7	15-20
Carbon Dioxide	124-38-9	3

**NEW JERSEY RIGHT TO KNOW: Yes**

1,2-Butylene Oxide	106-88-7	70-75
Xylene	1330-20-7	15-20
Carbon Dioxide	124-38-9	3

**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed**

**CALIFORNIA VOC'S: 97 %**

**NFPA RATING AS AN AEROSOL: LEVEL 1**

**HMIS: HEALTH 2 REACTIVITY 0 FLAMMABILITY 1**

**CARCINOGENICITY CHEMICAL IARC NTP OSHA NCI ACIGH**  
None listed.

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