



MATERIAL SAFETY DATA SHEET: CRYSTAL COAT

February 16, 2004

SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION

Company information: Hot Foot® America L.P.
P.O. Box 1339
Sausalito, CA 94966
Tel: 415 789-5135 Fax: 415 789-0564

Medical emergency: Tel: 1 800 228 5635 Ext. 018
Transport emergency: (CHEMTREC) Tel: 1 800 424 9300
Product Information: Hot Foot® Crystal Coat spray coating

SECTION 2 – COMPOSITION & INFORMATION ON CONTENTS

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). Unlisted ingredients are not 'hazardous' per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

Chemical/CAS Number: 1,2-Butylene Oxide 106-88-7; (70-75%)
Xylene 1330-20-7; (15-20%)
Carbon Dioxide 124-38-9 (3%)

OSHA PEL: 100ppm of Xylene and 5000 ppm of Carbon dioxide
ACGIH TLV: 100ppm of Xylene and 5000 ppm of Carbon dioxide
Vapor pressure: in mmHG @ C:44; 75 psig

This product is an aerosol, plastic coating pressurized spray powered by carbon dioxide gas.

SECTION 3 – HEALTH HAZARDS

EFFECTS OF OVER EXPOSURE

Eyes: Can cause eye irritation and chemical burns are possible.
Skin: Causes skin irritation and chemical burns are possible.
Skin absorption: A single prolonged skin exposure is not likely to result in harmful amounts.
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.
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.

SECTION 4 – EMERGENCY AND FIRST AID MEASURES

- If in eye: Flush immediately with large amounts of water for at least 15 minutes, occasionally lifting upper and lower eyelids. Call a physician.
- If on skin: Thoroughly wash affected area with soap and water. Launder contaminated clothing before re-use. Should any irritation persist, seek medical attention.
- Inhalation: Remove from exposure. If breathing is difficult administer oxygen. If breathing has stopped give artificial respiration. Call a physician.
- If ingested: 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. Get immediate medical attention and transport to an emergency medical facility immediately.

SECTION 5 – FIRE FIGHTING MEASURES

- Flash point: No flame extension as an aerosol.
- Flammability Limits: non flammable
- Upper explosive limit/ Lower explosive limit: UEL 12.3%, LEL 1.9%
- Auto ignition Temperature: Not established.
- Appropriate extinguishers: The solvent will not burn
- Special fire fighting procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. 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.
- Unusual Fire and Explosive Hazards: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or leak procedures:
Ventilate area, avoid breathing vapors. Extinguish all ignition sources. For small spills, mop, dike and contain spill with inert absorbent and transfer to container for disposal. Remove to outside or to vent hood while awaiting disposal. Avoid ground contamination. For large spills, evacuate the area, contain spill (dike area) and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Water spray can be used to disperse any vapors that may become concentrated or form in poorly ventilated areas.

WASTE DISPOSAL: 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 accordance with federal, state and local laws and regulations. Do not dump into sewers, on the ground or into any body of water.

SECTION 7 – HANDLING AND STORAGE

Handling Information: 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 degrees F. Read label before using.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection: Wear safety glasses to reduce the potential for eye contact; Have eye washes available where eye contact can occur.
- Skin protection: Prevent contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.
- Respiratory Protection: Use NIOSH/MSHA approved equipment - organic vapor respirators when airborne exposure limits are exceeded.
- Ventilation: Local exhaust ventilation preferred. Provide ventilation to control contaminant levels below airborne exposure limits.

PROTECTIVE GLOVES for brief contact no precautions should be needed. When prolonged or frequently repeated contact occurs, use protective gloves such as Viton or Norfoil.
 EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are recommended.
Use protective clothing which is impervious to this product. Selection of specific gloves, boots, apron or full body suit will depend on operation.

SECTION 9 – STABILITY AND REACTIVITY DATA

Stability: stable
 Incompatibility: materials to avoid; Strong oxidizers and temperatures above 130 degrees F. Strong acids and bases; organic and inorganic acid chlorides, acid anhydrides, halogen and molten sulfur.
 Hazardous decomposition: Hydrogen Bromide and/or bromide, carbon monoxide and carbon dioxide.
 Hazardous Polymerization: will not occur
 Hmis ratings Health=2; Flammability=1, Reactivity=0.

SECTION 10 – TRANSPORTATION INFORMATION

United States Department of Transportation (DOT)

DOT proper shipping name: Acrylic spray
 DOT hazard class / ID code: class 2.2 , UN-1950
 DOT label: Non Flammable

SECTION 11 – REGULATORY INFORMATION

SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE 111

CHEMICAL	CAS NO.	CONCENTRATION %
1,2-Butylene Oxide	106-88-7	70-76
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 40CFR 302.4

CHEMICAL	CAS NO.	CONCENTRATION %	RQs#s
Xylene	1330-20-7	15-20	100

CALIFORNIA PROP 65: NO

MASSACHSETTS RIGHT TO KNOW: Yes

1,2-Butylene Oxide	106-88-7	70-76
Xylene	1330-20-7	15-20
Carbon Dioxide	124-38-9	3

PENNSYLVANIA RIGHT TO KNOW : Yes

1,2-Butylene Oxide	106-88-7	70-76
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	70-76
Xylene	1330-20-7	15-20
Carbon Dioxide	124-38-9	3

TOXIC SUBSTANCES CONTROL ACT (TSCA) : Listed

California VOC'S 97%

NFPA RATING AS AN AEROSOL : LEVEL 1

CARCINOGENITY CHEMICAL IARC NTP OSHA NCI ACIGH
None Listed.

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