

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CRYSTAL VEIL PORCELAIN FOG
 PRODUCT CLASS: ACRYLIC RESIN SPRAY
 PRODUCT NUMBER: 04034
 DESCRIPTION: 11.0 OZ. NET (311 grams) AEROSOL CAN

SECTION I - MANUFACTURER IDENTIFICATION

ENVIRONMENTAL TECHNOLOGY, INC.
 300 SOUTH BAY DEPOT ROAD
 FIELDS LANDING, CA 95537
 PHONE NUMBER FOR INFORMATION: (707) 443-9323
 DATE PREPARED: 12/10/2004
 PREPARED BY: Technical Director

DEPARTMENT OF TRANSPORTATION INFORMATION:
 PROPER SHIPPING NAME: CONSUMER COMMODITY
 PROPER CLASS: ORM-D
 TRANSPORTATION EMERGENCY PHONE NUMBER:
CHEMTREC (800) 424-9300

HMIS HAZARD RATINGS: HEALTH: 2 FIRE: 4 REACTIVITY: 1 PERSONAL PROTECTION: X

N.A. = Not Applicable N.D. = Not Determined (Not Available)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	WT %	OSHA PEL	ACGIH TLV	OTHER	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
XYLENE 1330-20-7	9	100 PPM	100 PPM		4300 mg/kg RAT ORAL	6700 PPM 4 hr RAT INHA
PETROLEUM NAPHTHA 64742-89-8	10	400 PPM	400 PPM	N/A	>25 ml/kg RAT ORAL	14,000-16,000 PPM 4 hr RAT
ACETONE 67-64-1	35	750 PPM	750 PPM		9750 mg/kg RAT ORAL	6700 PPM 4 hr RAT INHA
PROPANE 74-98-6	20	1000 PPM	1000 PPM		N/A	N/A
NORMAL BUTANE 106-97-8	10	600 PPM	600 PPM		N/A	658 mg/L 4 hr RAT INHA
ISOBUTANE 75-28-5	<5.0	800 PPM	800 PPM	EST	N/A	57 PPH 15 min RAT INHA

CANCER INFORMATION: See Section VI, CARCINOGENICITY.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

AS SUPPLIED IN THE AEROSOL CAN.

BOILING POINT: -10°F / -23°C

APPEARANCE AND ODOR: Clear spray with aromatic solvent odor.

SOLUBILITY IN WATER: Insoluble.

EVAPORATION RATE (BUTYL ACETATE =1): >1, Faster than butyl acetate.

VOC LBS/GAL: 5.53 lbs/lmp gal 4.6 lbs/US gal

VAPOR DENSITY (AIR =1): >1, Heavier than air.

SPECIFIC GRAVITY (H20=1): 0.7

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): -156°F, (TCC).

FLAMMABLE LIMITS: LEL: **N.D.** UEL: **N.D.**

AUTO IGNITION TEMPERATURE, °F: **N.D.**

EXTINGUISHING MEDIA: **X** FOAM, **X** ALCOHOL FOAM, **X** CO2, **X** DRY CHEMICAL, **X** WATER SPRAY, **X** OTHER (HALON).

SPECIAL FIRE FIGHTING PROCEDURES : If product is present in the fire and the threat of decomposition exist, wear self contained positive pressure breathing apparatus with full face piece. During emergency conditions, overexposure to decomposition products may cause health hazards. Symptoms may not be immediately apparent. Obtain medical attention. Water spray may be ineffective, water spray may be used to cool containers exposed to heat or fire to prevent ruptures due to pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS : Closed aerosol containers may explode due to build up of pressure when exposed to extreme heat or fire. Aerosol contents is extremely flammable.

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SECTION V - REACTIVITY DATASTABILITY: UNSTABLE STABLE

CONDITIONS TO AVOID: Temperatures over 120°F. Strong oxidizing chemicals. Open flames and hot surfaces.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, carbon dioxide, hydrogen chloride, small amounts of phosgene and chlorine. Irritating aldehydes and ketones.

HAZARDOUS POLYMERIZATION MAY OCCUR MAY NOT OCCUR.CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: **N.A.****SECTION VI - HEALTH HAZARD DATA**ROUTE(S) OF ENTRY : INHALATION? **YES** SKIN? **YES** INGESTION? **NOT LIKELY**

WARNINGS: VAPORS HARMFUL. USE ONLY IN ADEQUATE VENTILATED AREAS. KEEP AWAY FROM CHILDREN. DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES AND SKIN. WILL CAUSE EYE AND MUCOUS MEMBRANE IRRITATION. MAY CAUSE SKIN IRRITATION. WASH WITH WATER AFTER USE.

SIGNS AND SYMPTOMS OF OVEREXPOSURE :

INHALATION: Dizziness, headache, nausea, difficulty breathing, weakness, fatigue, confusion, cherry-pink skin, and unconsciousness.

SKIN CONTACT: Irritation, dryness, and flaking.

EYE CONTACT: Irritation, redness, or eye watering.

INGESTION: Irritation, nausea, and vomiting. Aspiration (liquid enters the lungs) of vomit can cause chemical pneumonitis, which can be fatal.

EMERGENCY AND FIRST AID PROCEDURES :**Never give anything by mouth to an unconscious person.****EYE CONTACT:** Flush with potable water or sterile eye buffer. Hold eyelids open to assure complete flushing. CONTACT A PHYSICIAN IMMEDIATELY.**SKIN CONTACT:** Wash area thoroughly with soap and water. If irritation persist, contact a physician.**INHALATION:** Leave the area to obtain fresh air. If breathing has stopped, give artificial respiration then oxygen if needed. If difficulty breathing or other symptoms continue, CALL A PHYSICIAN IMMEDIATELY**INGESTION:** DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY, or the Poison Control Center.**IF ANY SYMPTOMS PERSIST CONTACT A PHYSICIAN****HEALTH HAZARD, ACUTE :**

INHALATION: Inhalation of vapors may cause irritation to the respiratory tract. May affect the brain and the central nervous system causing: dizziness, headache, nausea, difficulty breathing, weakness, fatigue, unconsciousness and even respiratory arrest.

SKIN CONTACT: Irritation, flaking, and dryness.

EYE CONTACT: Primary irritant, may cause slight corneal injury, damage reversible with prompt first aid.

INGESTION: Irritation, nausea, diarrhea, and vomiting. Aspiration (liquid enters the lungs) of vomit can cause chemical pneumonitis, which can be fatal.

HEALTH HAZARDS, CHRONIC. (TARGET ORGANS) : Excessive exposure may cause carboxyhemoglobinemia, thereby impairing the blood's ability to transport oxygen. Excessive exposure may cause harm to the central nervous system, peripheral neuropathy (injury to the nerves of the extremities). Observations in animals include liver and kidney damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

CARCINOGENICITY : None known. NTP: No IARC: No Federal OSHA: No

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Page 3 of 3

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SKIN CONTACT: Wash area thoroughly with soap and water. If irritation persist, contact a physician.

INHALATION: Leave the area to obtain fresh air. If breathing has stopped, give artificial respiration then oxygen if needed. If difficulty breathing or other symptoms continue, CALL A PHYSICIAN IMMEDIATELY

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY, or the Poison Control Center.

IF ANY SYMPTOMS PERSIST CONTACT A PHYSICIAN

SECTION VII -SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED : Evacuate area. Eliminate sources of ignition. Use Protective equipment and respiratory protection as stated in Section VIII. Contain liquid or contaminated wash water spills using a barrier of inert material such as sand or by diking the area. Absorb spilled or contaminated wash water with an inert material. Scoop or shovel absorbed material in to containers. Sweep or shovel spilled solid material in to containers for disposal. Prevent spilled product or contaminated wash water from entering drinking water supplies, streams, or sewers. Certain releases of any substance to the environment are prohibited by law and may require reporting to an environmental agency.

WASTE DISPOSAL METHOD : No disposal method should be used which would pose an environmental or human health threat including any which would contaminate ground or surface waters. Dispose of waste in accordance with local, state, and federal regulations. Do not incinerate closed aerosol containers. **Canada:** Dispose of waste in accordance with local, provincial and national regulations.

SECTION VIII- PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : EXTREMELY FLAMMABLE, ELIMINATE IGNITION SOURCES,(FLAMES, ELECTRIC MOTORS, PILOT LIGHTS, STOVES, HEATERS), VAPORS MAY TRAVEL SOME DISTANCE ALONG THE GROUND OR ON A SURFACE TO AN IGNITION SOURCE. USE ONLY IN VENTILATED AREAS. Maintain atmospheric levels below the exposure guidelines. To avoid breathing vapors and spray mist during application and drying process use this product outdoors, if possible. If you must use it indoors use local exhaust ventilation or other means to provide fresh air, opening windows and doors to achieve cross-ventilation. DO NOT USE IN CONFINED OR POORLY VENTILATED AREAS. CONCENTRATED VAPORS ARE HEAVIER THEN AIR AND WILL COLLECT IN LOW AREAS, (BASEMENTS), AND CAN CAUSE UNCONSCIOUSNESS AND DEATH. Replace cap, and store in upright position in a cool, dry, and well ventilated area.

OTHER PRECAUTIONS: Do not puncture can, contents will discharge. Do not place can in a trash compactors. "Empty" cans contain product residue (liquid and/ or vapor) and can be dangerous. Dust from sanding dry paint films should be treated as nuisance dust, TLV of 10 mg./Cu. meter.

MECHANICAL (GENERAL) VENTILATION : Provide sufficient explosion proof mechanical ventilation to remove vapors to levels below the exposure guidelines. The need for fume hoods, local exhaust, or spray booths should be considered for commercial operations.

SPECIAL VENTILATION : Local exhaust if necessary to ventilate spill area.

RESPIRATORY PROTECTION : Maintain atmospheric levels below the exposure guidelines. Use an approved air purifying respirator or positive pressure self-contained breathing apparatus, SCBA, when respiratory protection is required by atmospheric levels exceeding the exposure guidelines.

PROTECTIVE GLOVES : Solvent impervious rubber gloves are recommended,.

EYE PROTECTION : Avoid contact with eyes. Approved safety glasses with splash guards or goggles are required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT : Impervious clothing, foot ware, and synthetic apron to prevent skin contact are recommended. Provide nearby safety showers and eye washing (preferably full face) facilities.

WORK/HYGIENIC PRACTICES : Wash thoroughly after handling. Clean up spills. Wash contaminated clothes before reuse. Launder work clothes separate from family clothes. Check protective equipment and clothing before use.

Disclaimer : All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his or her own use of the product described herein. Since the actual use by others is beyond Environmental Technology, Inc.'s control, no guarantee,

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