MATERIAL SAFETY DATA SHEET 675490 Page 1 **PRODUCT NAME:** ECOLAC CLEAR 90 HMIS CODES: H C F R P **PRODUCT IDENTIFIER:** 675490 2 * 0 0 G PRODUCT USE: General purpose water-based coating. D1A, D2B WHMIS INFO: MANUFACTURER'S NAME: Cloverdale Paint Inc : 6950 King George Boulevard ADDRESS Surrey, BC, EMERGENCY PHONE **:** 613-996-6666 **REVISION DATE** : 27-Nov-14 **INFORMATION PHONE** : 604-596-6261 **ABREVIATIONS** : N/AP - NOT APPLICABLE N/AV - NOT AVAILABLE REPORTABLE COMPONENTS CAS NUMBER WEIGHT PERCENT O.E.L. *ETHYLENE GLYCOL 111-76-2 5-10 ACGIH TLV: 20ppm MONOBUTYL ETHER LD50: ORAL:470 mg/kg(RAT), LC50: 700 ppm/7H(MOUSE) LD50 DERMAL :490 mg/kg (RABBIT) _____ *** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 a present. *** _____ BOILING POINT: Not available. SPECIFIC GRAVITY (H2O=1): 1.02 Heavier than air. **PHYSICAL STATE:** VAPOR DENSITY: Liquid. **EVAPORATION RATE:** Slower than n-Butyl Acetate. COATING V.O.C.: 255 g/l (before thinning) **SOLUBILITY IN WATER:** Soluble. APPEARANCE AND ODOR: Moderately thick liquid; Sweet, slightly ammoniacal odor. pH: FREEZING POINT: 0 deg C 8.75 COEFFICIENT OF WATER/OIL DIST: N/AV ODOR THRESHOLD: Not available. FLASH POINT: N/AP METHOD USED: N/AP FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/AP UPPER: N/AP EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding fire. SPECIAL FIREFIGHTING PROCEDURES Handle as a non-flammable liquid. • UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may explode when exposed to extreme heat.

Page 2

675490

FLAMMABILITY - T.D.G.R. CLASS: Not regulated.

SENSITIVITY TO IMPACT: NO

AUTO-IGNITION TEMPERATURE: Not available

SENSITIVITY TO STATIC DISCHARGE: Not available.

HAZARDOUS COMBUSTION PRODUCTS: Not available.

CHEMICAL STABILITY: STABLE

CONDITIONS TO AVOID:

Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

INCOMPATIBILITY (MATERIALS TO AVOID)

Alkaline materials, strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION:

Will not occur.

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache, nausea, drowsiness or confusion. May cause irritation of the nose and throat.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye Contact: May cause minor irritation, tearing, redness and blurred vision. Skin Contact: May cause minor irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE Harmful if absorbed through skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause gastrointestinal irritation, vomiting, nausea and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute health hazards are as listed above. Repeated overexposure may result in damage to the blood.

SENSITIZING CAPABILITY: NONE KNOWN

CARCINOGENICITY: NTP CARCINOGEN:No **IARC MONOGRAPHS:**No **OSHA REGULATED**:No Not available.

TERATOGENICITY AND EMBRYOTOXICITY Not available. 675490

REPRODUCTIVE TOXICITY

Not available.

MUTAGENICITY

Not available.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting.

ADDITIONAL HEALTH INFORMATION

Not available.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up with water before allowing to dry. Sodium Chloride can be sprinkled on the spill, which may coagulate the latex and facilitate cleaning with water. Place coagulated waste in a closed container. Flush area with water.

WASTE DISPOSAL METHOD

Reclaim or dispose of through a licensed waste disposal company according to Federal, Provincial and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage: Keep from freezing. Store in a well ventilated area out of direct sunlight and away from any source of heat. Handling: Avoid prolonged or repeated inhalation of heated vapours or spray mist. Avoid prolonged or repeated skin contact. Wear adequate personal protective equipment.

OTHER PRECAUTIONS: Not available.

RESPIRATORY PROTECTION

When spraying or in case of poor or no ventilation wear a respirator NIOSH approved for organic vapors and particulates.

VENTILATION

General (dilution) ventilation is required during use. Local exhaust ventilation is required during operations where this material is heated.

PROTECTIVE GLOVES

Rubber.

EYE PROTECTION

Chemical safety glasses, goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use impermeable aprons and protective clothing whenever possible to prevent skin contact.

WORK/HYGIENIC PRACTICES

Eye washes and safety showers in the workplace are recommended.

675490

INHALATION OVEREXPOSURE: Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.

EYE CONTACT: Flush with water for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wash thoroughly with mild soap and water.

INGESTION: Drink 1 or 2 glasses of water to dilute. Contact a physician immediately.

PREPARED BY: TECHNICAL DEPARTMENT

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Cloverdale Paint Inc. to be accurate. No warranty concerning the accuracy of these sources is made and Cloverdale Paint Inc. will not be held liable for claims relating to use of this information or recommendations.