M A T E R I A L S A F E T Y D A T A S H E E T

========== SECTION I - PRODUCT IDENTIFICATION ==========

PRODUCT NAME: CLOVA THINNER #11: XYLENE **HMIS CODES:** H F R P

PRODUCT IDENTIFIER: 78011 2 3 1 I *

PRODUCT USE: Paint thinner
PRODUCT IDENTIFICATION NUMBER: UN1307
WHMIS INFO: B2,D2A,D2B

MANUFACTURER'S NAME: Cloverdale Paint Inc
ADDRESS : 6950 King George Boulevard
Surrey, BC,
EMERGENCY PHONE : 613-996-6666 **REVISION DATE**: 16-Sep-14
INFORMATION PHONE : 604-596-6261
ABREVIATIONS : N/AP – NOT APPLICABLE N/AV – NOT AVAILABLE

========== SECTION II - HAZARDOUS INGREDIENTS ==========

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT	O.E.L.
*XYLENE	1330-20-7	60-100	ACGIH TLV: 100 PPM LD50: ORAL:4g/kg rat, LC50: 6500 ppm/4H(RAT) LD50: SKIN:5000 mg/kg(RABBIT)
ETHYLBENZENE	100-41-4	10-30	OSHA PEL: TWA 100p.p.m. STEL 125p.p.m. NIOSH TWA: 545mg/m3 STEL 435mg/m3 ACGIH: TWA 100p.p.m. STEL 125p.p.m.

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

========== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS ==========

BOILING POINT: 136.0 *C **SPECIFIC GRAVITY (H2O=1):** 0.87
VAPOR DENSITY: Heavier than air. **PHYSICAL STATE:** Liquid.
EVAPORATION RATE: Slower than n-Butyl Acetate.
COATING V.O.C.: 869 g/l (before thinning)
SOLUBILITY IN WATER: Insoluble.
APPEARANCE AND ODOR: Clear, thin liquid; Aromatic odor.
FREEZING POINT: Not available. **pH:** Not available.
COEFFICIENT OF WATER/OIL DIST: N/AV **ODOR THRESHOLD:** 1-30 ppm

========== SECTION IV - FIRE AND EXPLOSION HAZARD DATA ==========

FLASH POINT: 24 C **METHOD USED:** Not available.
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: Not available.
UPPER: Not available.

EXTINGUISHING MEDIA:

Foam, CO2, dry chemical, water fog.

SPECIAL FIREFIGHTING PROCEDURES
Respiratory equipment should be worn to avoid inhalation of concentrated vapours. Water should not be used except as a fog to keep nearby containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Handle as a flammable liquid. Vapours form an explosive mixture in air between the upper and lower explosive limits, which, can be ignited by many sources such as pilot lights, open flames, electrical boxes and switches. Vapour may travel along the ground and flashback along vapour trail may occur.

FLAMMABILITY – T.D.G.R. CLASS:
TDG CLASS 3

SENSITIVITY TO IMPACT: NO

AUTO-IGNITION TEMPERATURE:
Not available 527 deg C

SENSITIVITY TO STATIC DISCHARGE: Yes

HAZARDOUS COMBUSTION PRODUCTS:
Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen.

========== SECTION V - REACTIVITY DATA ==========

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: Not available.

HAZARDOUS POLYMERIZATION:
Will not occur.

========== SECTION VI - TOXICOLOGICAL DATA ==========

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
May cause respiratory irritation, dizziness, breathing difficulty, headaches and loss of co-ordination.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Eye Contact: May cause severe irritation, tearing, redness and blurred vision.
Skin Contact: May cause irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
May dry and defat skin causing cracks, irritation and dermatitis.

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. No chronic health hazards.

SENSITIZING CAPABILITY: Not available.

CARCINOGENICITY: NTP CARCINOGEN: No **IARC MONOGRAPHS**:Yes **OSHA REGULATED**:No
Ethylbenezene has been classified by the IARC as a Group 2B substance on the basis of sufficient evidence for carcinogenicity in laboratory animals but inadequate evidence for cancer in humans.

TERATOGENICITY AND EMBRYOTOXICITY
High exposures to xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance of these findings to humans has not been determined.

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.

========== SECTION VII - PREVENTIVE MEASURES ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Eliminate ignition sources. Provide good ventilation or wear appropriate breathing apparatus. Absorb small spills with non-flammable absorbent. Contain spills by diking with non-flammable absorbent. Notify environmental agency.

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
Flammable. Store in a cool, dry, well ventilated area away from heat and ignition sources. Keep containers closed when not in use. Avoid breathing vapours or mist and prolonged or repeated contact with skin. Launder contaminated clothing prior to re-use. Use good personal hygiene. Product is a static accumulator. Transfer equipment should be grounded or bonded.

OTHER PRECAUTIONS: Smoking in the area where this material is used must be strictly prohibited.

RESPIRATORY PROTECTION
NIOSH approved for organic vapours and particulate matter.

VENTILATION
General mechanical ventilation or local exhaust should be suitable to keep vapour concentrations below TLV. Ventilation equipment must be explosion proof. Make up air should be supplied to balance air exhausted.

PROTECTIVE GLOVES
Solvent impervious e.g. Viton, Nitrile, PVC.

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.

========== SECTION VIII - FIRST AID MEASURES ==========

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: Do not induce vomiting. Aspiration of solvents in this product can cause inflammation of the lungs.

========== SECTION IX - PREPARATION ==========

PREPARED BY: TECHNICAL DEPARTMENT

========== SECTION X - DISCLAIMER ==========

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