

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

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**SECTION I - PRODUCT IDENTIFICATION AND USE**

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Product Identifier: THERMO-PLAST 1010 CLEAR LM  
 Identification Number: GS1010CLO  
 Product Use: SEALANT  
 MANUFACTURER: Cloverdale Paint Inc.  
 50 PANET ROAD  
 WINNIPEG, MB  
 R2J 0R9 204/237-0241

SUPPLIER: Cloverdale Paint Inc.  
 50 PANET ROAD  
 WINNIPEG, MB  
 R2J 0R9 204/237-0241

WHMIS Class: B2 D2A D2B  
 PREPARED BY: Mr Robert Tinsley, 204-237-0241      DATE: 01/19/12

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**SECTION II - HAZARDOUS INGREDIENTS**

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CHEMICAL NAME	WT. PERCENT		EXPOSURE LIMIT	LC50	LD50
	CAS NUMBER	RANGE			
HYDRATED AMORPHOUS SILICA	7631-86-9	5.0-10.0	5 mg/m3 DUST	N/AV	N/AV
TOLUENE	108-88-3	10.0-30.0	50 ppm	8000 PPM/RAT	5G/KG/RAT ORAL

N.A. - NOT APPLICABLE

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**SECTION III - PHYSICAL DATA**

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BOILING RANGE	: 111-111 C	VAPOR DENSITY	: IS HEAVIER THAN AIR
ODOR	: AROMATIC	EVAPORATION RATE:	IS FASTER THAN BUTYL
APPEARANCE	: CLEAR PASTE		ACETATE
VOLATILE BY WEIGHT:	27.6%	SOLUBILITY	: NEGLIGIBLE
VOLATILE BY VOLUME:	30.5%	SPECIFIC GRAVITY:	0.966
PH @ 0.00 %	: 0.0	FREEZING POINT	: -40 C
VAPOR PRESSURE	: 22.0 mm Hg		

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**SECTION IV - FIRE AND EXPLOSION DATA**  
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FLASH POINT: 4 C  
(TAGLIABUE C. C.)  
CLASS 3, DIVISION 2

LEL:  
UEL:

**EXTINGUISHING MEDIA:** DRY CHEMICAL CARBON DIOXIDE FOAM

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLAMMABLE LIQUID (FLASH POINT LESS THAN 100 F/38 C). MAY FORM FLAMMABLE MIXTURES. VAPORS MAY BE EXPLOSIVE IN AIR. ELIMINATE IGNITION SOURCES. GROUND ALL EQUIPMENT. KEEP CONTAINER CLOSED.

**SPECIAL FIREFIGHTING PROCEDURES:** FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

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**SECTION V - HEALTH HAZARD DATA**  
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**EFFECTS OF OVER EXPOSURE:** \*\*\* INHALATION: VAPORS MAY BE IRRITATING. EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE HEADACHES, DIZZINESS, NAUSEA, AND CENTRAL NERVOUS SYSTEM DEPRESSION. PROLONGED EXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE UNCONSCIOUSNESS OR DEATH. \*\*\* INGESTION: MINIMAL TOXICITY. SWALLOWING LARGE QUANTITIES MAY CAUSE NAUSEA AND VOMITING. SMALL AMOUNTS OF LIQUID DRAWN INTO THE LUNGS FROM SWALLOWING OR VOMITING MAY CAUSE SEVERE HEALTH AFFECTS (E.G. PULMONARY EDEMA). \*\*\* SKIN: CAN CAUSE MODERATE IRRITATION. CAN CAUSE DEFATTING AND DERMATITIS. \*\*\* EYES: VAPORS MAY IRRITATE. LIQUID AND MISTS WILL IRRITATE AND MAY BURN THE EYES. \*\*\* CHRONIC AFFECTS OF OVEREXPOSURE: CONTAINS SILICA. LONG TERM EXPOSURE TO SILICA DUST MAY CAUSE SILICOSIS AND CARDIOPULMONARY IMPAIRMENT. REPEATED OR PROLONGED EXPOSURES MAY CAUSE LIVER, KIDNEY, AND/OR NEURAL DYSFUNCTION. TOLUENE REPORTEDLY CAUSES FETOTOXICITY IN ANIMALS AT DOSES WHICH ARE MATERNALLY TOXIC. THERE ARE OCCUPATIONAL STUDIES WHICH REPORT AN ASSOCIATION BETWEEN INHALATION EXPOSURE TO TOLUENE AND ADVERSE EFFECTS ON REPRODUCTION. THE METHODOLOGY OF THESE STUDIES AND THE RELIABILITY OF THEIR RESULTS HAVE BEEN QUESTIONED.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** SKIN DISORDERS. EYE DISORDERS. CHRONIC RESPIRATORY DISORDERS.

**PRIMARY ROUTE(S) OF ENTRY:** INHALATION DERMAL INGESTION

**EMERGENCY AND FIRST AID PROCEDURES:** \*\*\* INHALATION: REMOVE TO FRESH AIR. ASSIST BREATHING IF NECESSARY. KEEP VICTIM WARM AND QUIET. SEEK MEDICAL ATTENTION. \*\*\* INGESTION: DO NOT INDUCE VOMITING OR GIVE FLUIDS. KEEP AT REST. GET PROMPT MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION INTO THE LUNGS. \*\*\* SKIN: WASH THOROUGHLY WITH SOAP AND WATER AND RINSE WITH WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS. \*\*\* EYES: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES AND IMMEDIATELY GET MEDICAL ATTENTION.

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**SECTION VI - REACTIVITY DATA**  
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**STABILITY:** THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR UNDER NORMAL CONDITIONS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** OXIDES OF CARBON. TOXIC FUMES AND SMOKE.

**CONDITIONS TO AVOID:** HEAT, SPARKS OR FLAME.

**INCOMPATABILITY:** OXIDIZING AGENTS.

**SENSITIVITY TO STATIC DISCHARGE:** TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

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**SECTION VII - SPILL OR LEAK PROCEDURES**  
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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

ELIMINATE IGNITION SOURCES. STOP SOURCE OF SPILL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DIKE SPILL TO KEEP FROM SPREADING. COVER WITH INERT ABSORBENT. REMOVE TO DISPOSAL CONTAINER.

**WASTE DISPOSAL METHOD:** DO NOT CONTAMINATE ANY LAKES, PONDS, STREAMS, OR UNDERGROUND WATER SUPPLIES. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS IN YOUR AREA.

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**SECTION VIII - SAFE HANDLING AND USE INFORMATION**  
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**RESPIRATORY PROTECTION:** USE A COMBINATION ORGANIC VAPOR/TOXIC PARTICULATE HIGH EFFICIENCY FILTER RESPIRATOR. FOR HIGH CONCENTRATIONS, USE AIR SUPPLIED RESPIRATOR.

**VENTILATION:** EFFICIENT LOCAL EXHAUST VENTILATION IS REQUIRED. USE EXPLOSION PROOF VENTILATION EQUIPMENT.

**PROTECTIVE GLOVES:** WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES/CLOTHING TO PREVENT SKIN CONTACT.

**EYE PROTECTION:** DO NOT GET IN EYES. WEAR CHEMICAL GOGGLES.

**OTHER PROTECTIVE EQUIPMENT:** EYE BATH AND SAFETY SHOWER.

**HYGENIC PRACTICES:** DO NOT GET IN EYES, SKIN OR CLOTHING. AVOID INHALING. DO NOT SWALLOW. KEEP AWAY FROM FOOD PRODUCTS. WASH HANDS THOROUGHLY AFTER HANDLING. CHANGE AND WASH CONTAMINATED CLOTHING.

**SPECIAL SHIPPING INFORMATION:** NOT REGULATED FOR ROAD OR RAIL TRANSPORT. CANUTEC 24 HOUR EMERGENCY NUMBER: (613) 996-6666

  
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**SECTION IX - SPECIAL PRECAUTIONS**  
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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM ALL INCOMPATIBLE MATERIALS. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED. GROUND ALL EQUIPMENT.

**OTHER PRECAUTIONS:** DO NOT USE PRESSURE TO EMPTY CONTAINERS. DO NOT CUT, GRIND, WELD OR DRILL ON OR NEAR THIS CONTAINER. CONTAINERS WILL RETAIN PRODUCT RESIDUES AND VAPORS. HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

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**SECTION X - HMIS INFORMATION**  
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**HMIS:** HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0  
PERSONAL PROTECTION: K