

# MATERIAL SAFETY DATA SHEET

Guertin Bros. Coating & Sealants Ltd.  
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EMERGENCY TELEPHONE NO.: 613-996-6666

## SECTION I - PRODUCT IDENTIFICATION

THERMO-PLAST 1010 LM, BLAC  
SEALANT  
GS1010BL0

### MANUFACTURER:

GUERTIN BROS.COATINGS & SEALANT  
50 PANET ROA  
WINNIPEG, MB  
R2J 0R9 204/237-0241

### SUPPLIER:

GUERTIN BROS.COATINGS & SEALANTS  
50 PANET ROAD  
WINNIPEG, MB  
R2J 0R9 204/237-0241

PREPARED BY: Mr. Robert Tinsley, 204-237-0241

DATE: 04/26/01

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CASE NUMBER	WT. PERCENT	OCCUPATIONAL EXPOSURE LIMITS		SKIN DESIGNATION	VAPOR PRESSURE mmHg20C	KNOWN OR SUSPECTED CARCINOGEN	SE 313
			(TLV-TWA)	(TLV-STEL)				
HYDRATED AMORPHOUS SILICA	7631-86-9	6.7%	5 mg/m3 DUST	10 mg/m3	NO	0.0	NO	NO
CALCIUM CARBONATE	471-34-1	2.4	5 mg/m3 DUST	10 mg/m3	NO	0.0	NO	NO
CARBON BLACK	1333-86-4	1.1	3.5 mg/m3 DUCT	NO INFO	NO	0.2	NO	NO
TOLUENE	108-88-3	22%	50 ppm	100 ppm	YES	22.0	NO	YES

THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT:

STYRENE POLYMER	N/A	23%
SYNTHETIC CRUDE RUBBER	N/A	15%
INDOPOL POLYBUTENE	N/A	13%
HYDROCARBON RESIN	9011-11-4	8.8%

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

N.A. - NOT APPLICABLE

## SECTION III - PHYSICAL DATA

BOILING RANGE	: 232-232°F	VAPOR DENSITY	: IS HEAVIER THAN AIR
ODOR	: AROMATIC	EVAPORATION RATE	: FASTER THAN BUTYL ACETATE
APPEARANCE	: BLACK PASTE	SOLUBILITY	: NEGLIGIBLE
VOLATILE BY WEIGHT:	21.7%	PRODUCT DENSITY	: 8.4 LBS./GAL. (US)
VOLATILE BY VOLUME:	24.9%		
FREEZING POINT	: -40°F		

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

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**FLAMMABILITY CLASSIFICATION:**

FLASH POINT: 39°F                      LEL: 1.2%  
(TAGLIABUE CLOSED CUP)              UEL: 7.6%

OSHA - FLAMMABLE LIQUID - CLASS IB  
DOT - FLAMMABLE LIQUID OR SOLID

EXTINGUISHING MEDIA: DRY CHEMICAL CO2 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 EFFECTS (E.G. PULMONARY EDEMA). \*\*\* **SKIN:** CAN CAUSE MODERATE IRRITATION. CAN CAUSE DEFATTING AND DERMATITIS. \*\*\* **EYE :** VAPORS MAY IRRITATE. LIQUID AND MISTS WILL IRRITATE AND MAY BURN THE EYES. \*\*\* **CHRONIC EFFECTS 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.

**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.

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**SECTION VI - REACTIVITY DATA**

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**INCOMPATIBILITIES : 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: AVOID BREATHING VAPOR OR MIST. USE ADEQUATE VENTILATION. APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVER EXPOSURE.**

**VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV. 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.**

**HYGIENIC 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: FLAMMABLE LIQUID N.O.S. (TOLUENE). FLAMMABLE LIQUID CLASS:3 UN#1993 PACKING GROUP II. 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. SOME OR ALL OF THE LISTED COMPONENTS OF THIS PRODUCT MAY PRESENT A HEALTH THREAT IN THE FORM OF DUSTS. AVOID GENERATING DUSTS.**

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SECTION X - HMIS INFORMATION

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HMIS: HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION: G

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THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.