



MATERIAL SAFETY DATA SHEET

Material Name: Repel Impregnating Wood Sealer

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Section I. Material Identification and Use

CHEMICAL NAME Not Applicable	CHEMICAL FAMILY Surfactant	CHEMICAL FORMULA Not Applicable	
MOLECULAR WEIGHT Not Applicable	TRADE NAME AND SYNONYMS Not Available	MATERIAL USE Sealer	WHMIS CLASS D2B

Section II. Hazardous Ingredients of Material

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	"EXPOSURE LIMITS"	LD50 / LC50 SPECIFY SPECIES & ROUTE
Fluorinated Surfactant Blend	7 – 13	Not Available	Not Available	Not Available
2-Butoxyethanol	1 – 5	111-76-2	TLV (ACGIH) 20 ppm (skin)	LD50 470 mg/kg (oral/rat) LC50 450 ppm/4hr (inh/rat)
Ethanol	1 – 5	64-17-5	TLV (ACGIH) 1000 ppm	LD50 7,060 mg/kg (oral/rat) LC50 31,623 ppm/4hr (inh/rat)

Section III. Physical Data for Material

PHYSICAL STATE GAS <u>LIQUID X</u> SOLID	ODOUR AND APPEARANCE Clear liquid	ODOUR THRESHOLD Not Available	SPECIFIC GRAVITY 1.0
VAPOUR PRESSURE (mm) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE Not Available	BOILING POINT (°C) 100°C approx.
FREEZING POINT (°C) 0°C approx.	SOLUBILITY IN WATER Soluble	% VOLATILE (by volume) 90% approx.	pH Not Available

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available

Section IV. Fire and Explosion Data

FLAMMABILITY IF YES, UNDER WHAT CONDITIONS
YES NO X

MEANS OF EXTINCTION: As for surrounding fire.

SPECIAL PROCEDURES: Wear protective equipment.

FLASH POINT (°C) AND METHOD: None **AUTO IGNITION TEMPERATURE (°C):** Not Available

UPPER EXPLOSION LIMIT (% BY VOLUME): Not Available

LOWER EXPLOSION LIMIT (% BY VOLUME): Not Available

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon

EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: Not Available

RATE OF BURNING Not Available	EXPLOSIVE POWER Not Available	SENSITIVITY TO STATIC DISCHARGE Not Available
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Section V. Reactivity Data

CHEMICAL STABILITY IF NO, UNDER WHAT CONDITIONS?
YES X NO

INCOMPATIBILITY TO OTHER SUBSTANCES IF SO, WHICH ONES?
YES NO X

REACTIVITY AND UNDER WHAT CONDITIONS: Not dangerously reactive.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

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Section VI. Toxicological Properties of Product**ROUTE OF ENTRY**SKIN CONTACT: X
INHALATION ACUTE: XSKIN ABSORPTION:
INHALATION CHRONIC:EYE CONTACT: X
INGESTION: X**EFFECTS OF ACUTE EXPOSURE TO PRODUCT**EYE: May cause irritation.
SKIN: May cause irritation.
INHALATION: May cause irritation.
INGESTION: May cause irritation to digestive tract.**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:** Animals receiving repeated doses of concentrated 2-Butoxyethanol developed hemolytic anemia and secondary injury to the kidney and liver.**LD50 OF PRODUCT (SPECIFY SPECIES & ROUTE)** Not Available
IRRITANCY OF PRODUCT Low
EXPOSURE LIMITS OF PRODUCT Not Available**LC50 OF PRODUCT (SPECIFY SPECIES)** Not Available
SENSITIZATION TO PRODUCT Not Available
SYNERGISTIC MATERIALS Not Available**CARCINOGENICITY** Not Available
REPRODUCTIVE EFFECTS Not Available
TERATOGENICITY Not Available
MUTAGENICITY Not Available**Section VII. Preventative Measures****PERSONAL PROTECTIVE EQUIPMENT****GLOVES** Impermeable Rubber
RESPIRATORY (SPECIFY) Not required under adequate ventilation
EYE (SPECIFY) Safety glasses**FOOTWEAR (SPECIFY)** Not Applicable
CLOTHING (SPECIFY) Not Applicable
OTHER (SPECIFY) Not Available**ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS, (SPECIFY):** General ventilation.**LEAK AND SPILL PROCEDURE:** Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal. Flush spill area with water.**WASTE DISPOSAL:** Dispose of according to local, provincial, and federal regulations.**HANDLING PROCEDURES & EQUIPMENT:** No special requirements.**STORAGE REQUIREMENTS:** Store in a cool, dry place in a closed container.**SPECIAL SHIPPING INFORMATION:** Not Applicable.**Section VIII. First Aid Procedures**SKIN: Wash with soap and water.
EYE: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
INHALATION: Remove patient to fresh air.
INGESTION: DO NOT induce vomiting. Seek medical attention.
GENERAL ADVICE: None**Section IX. Preparation Date of MSDS****Prepared By:** Regulatory Affairs**Date:** Oct. 18/2014**Company:** DCG Vision Marketing and Sales International Ltd.**Address:** 222 Worthington St. W., North Bay, On
Canada, P1B 3B4**Phone:** 705-497-0772**Fax:** 705-497-0622

Emergency Response Number: CANUTEC (613) 996-6666; non-office hours, Weekends, or Holidays – (CANUTEC) call collect.

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