



MATERIAL SAFETY DATA SHEET

Material Name: Repel Masonry Impregnating 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	SKIN ABSORPTION:		EYE CONTACT:	X
INHALATION ACUTE:	X	INHALATION CHRONIC:		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)	IRRITANCY OF PRODUCT	EXPOSURE LIMITS OF PRODUCT
Not Available	Low	Not Available

LC50 OF PRODUCT (SPECIFY SPECIES)	SENSITIZATION TO PRODUCT	SYNERGISTIC MATERIALS
Not Available	Not Available	Not Available

CARCINOGENICITY	REPRODUCTIVE EFFECTS	TERATOGENICITY	MUTAGENICITY
Not Available	Not Available	Not Available	Not Available

Section VII. Preventative Measures

PERSONAL PROTECTIVE EQUIPMENT

GLOVES	RESPIRATORY (SPECIFY)	EYE (SPECIFY)
Impermeable Rubber	Not required under adequate ventilation	Safety glasses

FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
Not Applicable	Not Applicable	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
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Emergency Response Number: CANUTEC (613) 996-6666; non-office hours, Weekends, or Holidays – (CANUTEC) call collect.

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