

Evcor Solutions Inc.
 530 Adelaide Street West
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PRODUCT: BARRICADE 397G

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER Evcor Solutions Inc.
 530 Adelaide Street West
 Suite 6107
 Toronto, Ontario
 Canada M5V 1T5
 CANUTEC EMERGENCY #: 1-613-996-6666 (24HR)

PRODUCT NAME..... BARRICADE.
 CHEMICAL FAMILY..... ORGANIC/INORGANIC.
 MOLECULAR WEIGHT..... NOT APPLICABLE.
 CHEMICAL FORMULA..... NOT APPLICABLE.
 TRADE NAMES & SYNONYMS
 RECOMMENDED PRODUCT USES..... PROTECTOR.
 FORMULA/LAB BOOK #..... F 13-256.

Section 02: HAZARDS IDENTIFICATION



HAZARD CLASSIFICATION..... NOT ASSESSED.
 SIGNAL WORD..... NOT ASSESSED.
 HAZARD STATEMENTS NOT ASSESSED.
 PRECAUTIONARY STATEMENTS..... NOT ASSESSED.
 OTHER HAZARDS..... NOT ASSESSED.

Section 03: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
ISOBUTANE	75-28-5	3-7
ISOPROPYL MYRISTATE	110-27-0	1-5
PROPANE	74-98-6	0.5-1.5
PROPYLENE GLYCOL	57-55-6	1-5
SILICONE (Polydimethyl Siloxane)	63148-62-9	1-5
TRIETHANOLAMINE	102-71-6	1-5
SORBITOL	50-70-4	1-5

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN OR EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; FOR EYES, GET MEDICAL ATTENTION. IN CASE OF INGESTION, DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY AND HAVE NAMES OF INGREDIENTS AVAILABLE.

Section 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS).
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
 SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA
 SENSITIVITY TO STATIC DISCHARGE.. NOT APPLICABLE.
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.
 EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
 HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
 AEROSOL FLAME PROJECTION

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Section 05: FIRE FIGHTING MEASURES

CLASSIFIED AS:..... 0 cm.
FLASHBACK..... NONE.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS..... NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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GLOVES/ TYPE..... NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE..... NOT NORMALLY REQUIRED IF GOOD VENTILATION IS MAINTAINED.
EYE/TYPE..... SAFETY GLASSES.
FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.
OTHER/TYPE..... NOT REQUIRED.
EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
APPEARANCE..... WHITE CREAM.
ODOR..... FRAGRANT.
ODOR THRESHOLD..... NOT AVAILABLE.
pH..... 8-9.
FREEZING POINT: (°C)..... NOT AVAILABLE.
BOILING POINT (°C)(CONC)..... LOWEST KNOWN VALUE IS 100C BASED ON WATER.
FLASH POINT (C), TAG CLOSED CUP..... NOT APPLICABLE.
EVAPORATION RATE..... LESS THAN 1.
n-BUTYL ACETATE = 1
UPPER FLAMMABLE LIMIT..... 9.5.
(% BY VOLUME)
LOWER FLAMMABLE LIMIT..... 1.
(% BY VOLUME)
VAPOUR PRESSURE(PSIG)-AEROSOL..... 40-50.
@ 20 C
VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
(BY WEIGHT)
SPECIFIC GRAVITY (AEROSOL)..... 0.92-0.96.
SPECIFIC GRAVITY (LIQUID)..... 0.96-1.00.
SOLUBILITY IN WATER g/L (20°C)..... COMPLETE.
COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
AUTO IGNITION TEMPERATURE (°C)..... NOT APPLICABLE.
AEROSOL PERCENT VOLATILE..... >90.
(BY WEIGHT).

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:
YES..... UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?..... NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?..... NOT APPLICABLE.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

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Section 11: TOXICOLOGICAL INFORMATION

Ingredients	LC50-inh, rat	LD50-Oral, rat
ISOBUTANE	142,500 ppm (4h) INHAL - RAT	NOT APPLICABLE
ISOPROPYL MYRISTATE	NOT AVAILABLE	NOT AVAILABLE
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
PROPYLENE GLYCOL	NOT AVAILABLE	20,000 mg/kg ORAL - RAT
SILICONE (Polydimethyl Siloxane)	NOT AVAILABLE	NOT AVAILABLE
TRIETHANOLAMINE	NOT AVAILABLE	8000 mg/kg ORAL - RAT
SORBITOL	N/A	15,900mg/kg ORAL - RAT
ROUTE OF ENTRY:		
INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.	
INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	MAY CAUSE IRRITATION.	
SKIN CONTACT.....	NO KNOWN EFFECT. IF IRRITATION OCCURS DISCONTINUE USE.	
SKIN ABSORPTION.....	NO KNOWN EFFECT.	
EFFECTS OF ACUTE EXPOSURE.....	N/A.	
EFFECTS OF CHRONIC EXPOSURE.....	SOLVENTS MAY CAUSE DEFATTING DERMATITIS N/A.	
IRRITANCY OF MATERIAL.....	MAY CAUSE IRRITATION.	
CARCINOGENICITY OF MATERIAL.....	THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).	
MUTAGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.	
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.	
REPRODUCTIVE EFFECTS.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.	
SENSITIZING CAPABILITY OF MATERIAL.....	UNKNOWN.	

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.2).
D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

Section 15: REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,D2A.
CNFC SECTION 3.3.5..... LEVEL 1.
CEPA (Canadian Environmental Protection Act) ... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 1 SLIGHT HAZARD.
HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.
HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
HMIS RATING PERSONAL PROTECTION.. B.
NFPA CODE 30B..... LEVEL 1.

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Section 15: REGULATORY INFORMATION

SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.
 . CAS #: . N/A. CHEMICAL NAME:

CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
 . WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
 . CAS #: . N/A. CHEMICAL NAME:

TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
 . N/A.

VOC (w/w%)..... <10.

Section 16: OTHER INFORMATION

NOTICE FROM EVCOR SOLUTIONS INC THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY EVCOR SOLUTIONS INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. EVCOR SOLUTIONS INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY..... Regulatory Affairs
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