



MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1 - PRODUCT IDENTIFICATION AND USE				
PRODUCT IDENTIFIER: Protec VB				
TRADE NAMES : Protec VB				
PRODUCT USE: Polymer-based Water and Air Barrier (AVB)				
MFG'S NAME: Darmex Systems Canada			SUPPLIER'S NAME: Darmex Systems Canada	
STREET: 14712 116 Ave. N.W.			STREET: 14712 116 Ave. N.W.	
CITY: Edmonton	PROVINCE: Alberta (AB)	CITY: Edmonton	PROVINCE: Alberta (AB)	
P.C.: T5M 3G1	EMERGENCY TEL.NO: +1-587-520-1619 8:30 AM – 5:00 PM Weekdays		P.C.: T5M 3G1	EMERGENCY TEL.NO: +1-587-520-1619 8:30 AM – 5:00 PM Weekdays
SECTION 2 - HAZARDOUS INGREDIENTS				
INGREDIENTS	BY WEIGHT (%)	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
SBR Emulsion	15 - 25	NA	NA	NA
SECTION 3 - PHYSICAL DATA				
PHYSICAL STATE: Liquid	ODOUR & APPEARANCE: Slight rubbery odour, opaque liquid			ODOUR THRESHOLD (ppm): No Data
VAPOUR PRESSURE (mm Hg): No Data	VAPOUR DENSITY (AIR=1): No Data	EVAPORATION RATE < 1 (n-butyl acetate=1)	BOILING POINT (°C) 100	FREEZING POINT (°C) 0
pH: 8.5 - 9.2	SPECIFIC GRAVITY: 1.2 - 1.7	COEFF. WATER/OIL DIST. N/A		SOLUBILITY IN WATER: Miscible
SECTION 4 - FIRE AND EXPLOSION DATA				
FLAMMABILITY: YES _ NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITION:				
MEANS OF EXTINCTION: N/A (non-flammable)				
FLASHPOINT (°C) AND METHOD: N/A		UPPER FLAMMABLE LIMIT (% BY VOLUME): N/A		LOWER FLAMMABLE LIMIT (% BY VOLUME): N/A
AUTOIGNITION TEMPERATURE (°C): N/A		HAZARDOUS COMBUSTION PRODUCTS: N/A		
EXPLOSION DATA: SENSITIVITY TO IMPACT: N/A			SENSITIVITY TO STATIC DISCHARGE: N/A	

SECTION 5 - REACTIVITY DATA

PRODUCT IDENTIFIER: Protec VB

CHEMICAL STABILITY: YES NO IF NO, UNDER WHICH CONDITIONS:

INCOMPATIBILITY WITH OTHER SUBSTANCES: YES NO IF SO WHICH ONES: Strong oxidizing and reducing agents. Not compatible with cement.

REACTIVITY, AND UNDER WHAT CONDITIONS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen from burning of dried films.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause headache, nausea, eye irritation and skin irritation.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: No Data.

EXPOSURE LIMITS: No Data	IRRITANCY OF PRODUCT: No Data	SENSITIZATION TO PRODUCT: No Data	CARCINOGENICITY: Not considered a carcinogen by IARC, NTP or OSHA.
TERATOGENICITY: N/A	REPRODUCTIVE TOXICITY: N/A	MUTAGENICITY: N/A	SYNERGISTIC PRODUCTS: No Data

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use all as specified.

GLOVES (SPECIFY): Wear rubber gloves.	RESPIRATOR (SPECIFY): If product-use conditions create vapours or mists, or limited ventilation is available, a NIOSH approved organic vapour mask with a dust/mist pre-filter is recommended.	EYE (SPECIFY): Goggles are recommended.
FOOTWEAR (SPECIFY): Safety shoes are recommended.	CLOTHING (SPECIFY): Long sleeved cover-alls.	OTHER (SPECIFY): Wash hands and face thoroughly before eating or handling food.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS): General ventilation is normally adequate.

LEAK AND SPILL PROCEDURE: Keep spectators away. Floor may be slippery. Contain spill with inert material or absorbent. Do not allow entering drain or waterways. Transfer liquid material to containers for recovery or disposal. Solid material can be placed in separate containers for disposal.

WASTE DISPOSAL: Coagulate the liquid material with stepwise additions of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Landfill the solids and contaminated containment materials according to local, Provincial and Federal regulations.

STORAGE REQUIREMENTS: Keep from freezing.

SPECIAL SHIPPING INFORMATION: None



SECTION 8 - FIRST AID MEASURES

PRODUCT IDENTIFIER: Protec VB

SPECIFIC MEASURES:

Skin: Wash skin thoroughly with a mild soap and water. Consult a doctor if irritation develops.

Eyes: Flush eyes thoroughly with clean water. Consult a doctor if irritation develops.

Inhalation: Remove to fresh air. Apply artificial respiration if patient is not breathing. Get immediate medical attention.

Ingestion: If victim is conscious and not convulsing, give ½ to 1 glass of water to dilute material. Do not induce vomiting. If vomiting occurs, have the victim lean head forward with head down to avoid breathing in of vomit. Administer more water. Seek immediate medical attention.

SECTION 9 - PREPARATION DATE OF MSDS

The information contained herein is based on data considered true and accurate to the best reasonably available information. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. This information is offered solely for informational purposes and is subject to your own independent investigation and verification.

PREPARED BY (GROUP, DEPARTMENT, ETC.):
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DATE:
March 10, 2020