

HAZARD RATING

4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

**MATERIAL SAFETY DATA SHEET
VEXCON NO. CP154**

GENERAL INFORMATION

PRODUCT IDENTIFICATION: MOISTUREBLOC® SURFACE BOND
VOC CONTENT: 0 GRAMS/LITER CATEGORY: NOT REQUIRED
COMMON NAME: AQUEOUS ACRYLATE EMULSION
DOT SHIPPING NAME:
IN CONTAINERS LESS THAN 119 GALS. AND GREATER THAN 119 GALS.:
MOISTUREBLOC® SURFACE BOND (NON-REGULATED)
HEALTH AND SAFETY: ACRYLIC LIQUID: USE ONLY WITH ADEQUATE VENTILATION. DO NOT INDUCE VOMITING IF SWALLOWED. KEEP FROM FREEZING. USE OF SOLVENT RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE CLOTHING IS ADVISED WHEN HANDLING THIS PRODUCT.

SECTION I

MANUFACTURER: VEXCON CHEMICALS, INC.
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PREPARED: MAY 1996
UPDATED: MARCH 2010
PREPARED BY: DARRYL F. MANUEL, PRESIDENT

SECTION II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD DATA	UN#
MODIFIED ACRYLATE POLYMER	25085-34-1	25-30%	N/A	
WATER	7732-18-5	70-75%	N/A	

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: (760mmHg) 215°F/101°C
VAPOR PRESSURE: 17mm Hg@68°F
SOLUBILITY IN H2O % BY WT: 100%
EVAPORATION RATE (BuOH=1): 0.3 (= WATER)
SPECIFIC GRAVITY (H2O=1) 1.03
APPEARANCE AND ODOR: MILKY WHITE EMULSION, SLIGHT ODOR

MELTING POINT: 32°F/0°C (= WATER)
VAPOR DENSITY (AIR=1): ND
% VOLATILES BY VOL: 70-75% WATER
pH (AS IS) 8-9
pH (1% SOLN) 7-8

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (TEST METHOD) N/A
AUTOIGNITION TEMP: ND
FLAMMABLE LIMITS IN AIR, % BY VOL: **LOWER:** N.D. **UPPER:** N.D.
BOILING POINT: 215°F / 101°C
EXTINGUISHING MEDIA: FOAM, WATER SPRAY
SPECIAL FIRE FIGHTING PROCEDURES NONE
UNUSUAL FIRE AND EXPLOSION HAZARD: PRODUCT WILL BURN IF TEMPERATURE EXCEEDS BOILING POINT WATER MIX. NO UNUSUAL HAZARDS. POLYMER FILM CAN BURN.

SECTION V REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: THIS PRODUCT IS STABLE.
INCOMPATIBILITY: THIS PRODUCT IS INCOMPATIBLE WITH STRONG ACIDS.
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION IN THE PRESENCE OF AIR YIELDS CARBON MONOXIDE AND/OR CARBON DIOXIDE.
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: N/A WILL NOT OCCUR

SECTION VI HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE

ROUTES OF EXPOSURE:

INHALATION: VAPOR INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA OR HEADACHE.
SKIN CONTACT: PROLONGED OR REPEATED CONTACT CAN RESULT IN MODERATE IRRITATION
SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT CAN RESULT IN MODERATE IRRITATION
EYE CONTACT: THIS PRODUCT CAN CAUSE SEVERE IRRITATION.
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.
EFFECTS OF OVEREXPOSURE: ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS. LIQUIDS MODERATELY IRRITATING ON SKIN AND EYES. PROLONGED CONTACT ON THE SKIN WILL CLAY AND DEFAT THE SKIN POSSIBLY CAUSING DERMATITIS.
ACUTE OVEREXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT WITH A PHYSICIAN.
SKIN: IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.
INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

WASTE DISPOSAL METHOD: TREATMENT TRANSPORTATION AND DISPOSAL MUST BE IN COMPLIANCE WITH EPA FEDERAL, STATE, AND LOCAL REGULATIONS UNDER THE RESOURCES CONSERVATION AND RECOVERY ACT (RCRA). TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN UP IS COMPLETE. STOP SPILL AT SOURCE. DIKE SPILL AREA TO PREVENT SPREADING PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

SECTION VIII CONTROL MEASURES

VENTILATION REQUIREMENTS: LOCAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP PRODUCT VAPOR CONCENTRATIONS WITHIN SPECIFIED TIME-WEIGHTED TLV RANGES. IF LOCAL VENTILATION PROVES INADEQUATE TO MAINTAIN SAFE VAPOR CONCENTRATIONS, SUPPLEMENTAL LOCAL EXHAUST MAY BE REQUIRED. OTHER SPECIAL PRECAUTIONS SUCH AS RESPIRATORY MASKS OR ENVIRONMENTAL CONTAINMENT DEVICES MAY BE REQUIRED IN EXTREME CASES.

RESPIRATORY (SPECIFY IN DETAIL): CHEMICAL CARTRIDGE RESPIRATOR: HALF MASK ORGANIC VAPOR CARTRIDGE: FULL FACE ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED.

EYE: CHEMICAL GOGGLES AND/OR FACE SHIELD ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.

GLOVES: IMPERVIOUS GLOVES, (CHEMICAL RESISTANT) SUCH AS NEOPRENE, LATEX OR PVA.

OTHER CLOTHING AND EQUIPMENT: TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE RECOMMENDED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: PERSONNEL SHOULD AVOID INHALATION OF VAPORS. PERSONAL CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD CONTACT BE MADE, REMOVE SATURATED APPAREL AND FLUSH AFFECTED BODY AREAS WITH WATER. CLOTHING MUST BE WASHED/DRIED BEFORE REUSE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE (VAPOR, LIQUID AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER HANDLING AND STORAGE REQUIREMENTS: STORE IN WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE IN ACCORDANCE WITH FEDERAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK, OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS, ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

HMIS HAZARD RATINGS:

THIS INFORMATION IS FOR PEOPLE TRAINED IN: NATIONAL PAINT AND COATINGS ASSOCIATIONS (NPCA) HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704) IDENTIFICATION OF FIRE HAZARDS OF MATERIALS

VEXCON MOISTUREBLOC SURFACE BOND	NPCA-HMIS	NFPA 704	KEY
HEALTH	1	1	4=SEVERE
FLAMMABILITY	1	1	3=SERIOUS
REACTIVITY	0	0	2=MODERATE
			1=SLIGHT
			0=MINIMAL

ADDITIONAL REGULATORY CONCERNS: (FEDERAL, FDA, USDA, CPSC, STATE, OTHER)

FEDERAL:

FDA:

USDA:

TSCA: IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? **YES**

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