

HAZARD RATING

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

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

**MATERIAL SAFETY DATA SHEET
VEXCON NO. CP 152**

GENERAL INFORMATION

PRODUCT IDENTIFICATION: MOISTUREBLOC® SLU
COMMON NAME: CEMENTITIOUS GROUTING MATERIAL
DOT SHIPPING NAME: MOISTUREBLOC® SLU (NON-REGULATED)
HEALTH AND SAFETY: THIS PRODUCT IS A GRAY POWDERED SOLID. CONTINUED INHALATION OF DUST OVER A PERIOD OF YEARS WITHOUT PROPER RESPIRATOR AND VENTILATION CONTROLS WILL CAUSE SILICOSIS AND LUNG CANCER. USE ONLY WITH SAFETY GLASSES, NEOPRENE GLOVES AND PROTECTIVE CLOTHING RECOMMENDED.

SECTION I

MANUFACTURER: VEXCON CHEMICALS, INC.
ADDRESS: 7240 STATE RD., PHILA., PA 19135
USA
EMERGENCY NO: 1-800-858-2828
TELEPHONE NO: 1-215-332-7709
CHEMTREC NO: 1-800-424-9300
PREPARED: September 1999
UPDATED: MARCH 2010
PREPARED BY: DARRYL F. MANUEL, PRESIDENT

SECTION II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD / OSHA / ACGIH	UN#
PORTLAND CEMENT	65997-15-1	40%	OSHA PEL – TWA: 15 mg/m3 (TOTAL) 5 mg/m3 (RESP.) ACGIH TLV –TWA: 10 mg/m3 (R)	
SILICA SAND*	14808-60-7	40%	OSHA PEL – TWA: NUISANCE DUST 5 mg/m3 (RESPIRABLE) 15 mg/m3 (TOTAL)	
CALCIUM ALUMINATE CEMENT	65997-16-2	20%	5mg/M ³	
PROPRIETARY COMPOUNDS	NA	ND	NA	

*CONTINUED INHALATION OF DUST OVER A PERIOD OF YEARS WITHOUT PROPER RESPIRATOR AND VENTILATION CONTROLS WILL CAUSE SILICOSIS AND LUNG CANCER. CURRENT OSHA STANDARD FOR CRYSTALLINE SILICA (RESPIRABLE DUST) IS 10mg SILICA PER CUBIC METER OF AIR DIVIDED BY THE PERCENT SiO₂ AVERAGED OVER AN EIGHT HOUR WORK SHIFT AND FOR TOTAL DUST IS 30mg/m³ DIVIDED BY THE PERCENT SiO₂ AVERAGED OVER AN EIGHT HOUR WORK SHIFT.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A **MELTING POINT:** N/A
SPECIFIC GRAVITY (H₂O=1): 2.65 **VAPOR PRESSURE (AIR=1):** N/A
VAPOR DENSITY (mmHg): N/A
APPEARANCE AND ODOR: GRAY NO ODOR
pH (AS IS): NA **pH WHEN MIXED:** - 12
EVAPORATION RATE: N/A **FREEZING POINT:** N/A

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT: N/A **AUTOIGNITION TEMPERATURE:** N/A
FLAMMABLE LIMITS IN AIR: % BY VOL: N/A
UNUSUAL FIRE AND EXPLOSION HAZARD: N/A
NOT COMBUSTIBLE OR EXPLOSIVE

SECTION V REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: WATER
INCOMPATIBILITY: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: N/A
WILL NOT OCCUR.

SECTION IV HEALTH HAZARD INFORMATION

ROUTES OF EXPOSURE

INHALATION: DUST CAN CAUSE INFLAMMATION OF NOSE TISSUE LINING AND CORNEA. HYPERSENSITIVITY MAY CAUSE ALLERGIC DERMATITIS. CONTINUED INHALATION OF DUST OVER A PERIOD OF YEARS WITHOUT PROPER RESPIRATOR AND VENTILATION CONTROLS WILL CAUSE SILICOSIS AND LUNG CANCER.

SKIN CONTACT: PRODUCT IS ALKALINE AND CAN IRRITATE THE SKIN

SKIN ABSORPTION: SEE ABOVE

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT.

INGESTION / INHALATION: CURRENT OSHA STANDARD FOR CRYSTALLINE SILICA QUARTZ IS 10mg SILICA PER CUBIC METER OF AIR DIVIDED BY THE PERCENT SiO₂ AVERAGED OVER AN EIGHT HOUR WORK SHIFT AND FOR TOTAL QUARTZ DUST IS 30mg/m³ DIVIDED BY THE PERCENT SiO₂ AVERAGED OVER AN EIGHT HOUR WORK SHIFT.

EFFECTS OF OVEREXPOSURE: WITHOUT PROPER RESPIRATOR AND VENTILATION CONTROLS PROLONGED INHALATION OF DUST OVER A PERIOD OF YEARS WILL CAUSE SILICOSIS AND LUNG CANCER.

ACUTE OVEREXPOSURE: PRODUCT IS ALKALINE AND CAN IRRITATE THE SKIN AND EYES, AS WELL AS THE MUCOUS MEMBRANES.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

CONSULT 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.

INGESTION: IMMEDIATELY SEEK MEDICAL ADVICE. GIVE MILK OR EGG WHITE BEATEN WITH WATER UNTIL VOMIT FLUID IS CLEAR. IF VOMITING DOES NOT OCCUR, INDUCE VOMITING BY GAGGING THE VICTIM. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

HMIS HAZARD RATING

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 SLU	NPCA- HMIS	NFPA 704	KEY
HEALTH	2	2	4=SEVERE
FLAMMABILITY	0	0	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**

PREPARED BY DARRYL MANUEL / PRESIDENT

COMPANY: VEXCON CHEMICALS, INC.

ADDRESS: 7240 STATE RD., PHILA., PA 19135 USA

**SECTION VII PRECAUTIONS FOR
SAFE HANDLING AND USE**

WASTE DISPOSAL METHOD: DISPOSE AS A NON HAZARDOUS WASTE, IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

NOT CONSIDERED A HAZARDOUS WASTE BY THE EPA RESOURCES CONSERVATION AND RECOVERY ACT (RCRA).

STEPS TO BE TAKEN IF MATERIAL IF RELEASED OR SPILLED:

SWEEP UP -- AVOID CREATING EXCESSIVE DUST. WEAR APPROVED MSHA / NIOSH RESPIRATORS. DO NOT WASH DOWN DRAINS.

SECTION VIII CONTROL MEASURES

VENTILATION REQUIREMENTS: CRYSTALLINE SILICA (RESPIRABLE DUST) MUST BE WITHIN CURRENT OSHA STANDARDS: 5 mg SILICA PER CUBIC METER OF AIR DIVIDED BY THE PERCENT SiO2 AVERAGED OVER AN EIGHT HOUR WORK SHIFT AND FOR TOTAL DUST IS 30mg /m3 DIVIDED BY THE PERCENT SiO2 AVERAGED OVER AN EIGHT HOUR WORK SHIFT.

RESPIRATORY: MSHA / NIOSH APPROVED RESPIRATOR OR 3M 8271 PARTICULATE RESPIRATOR OR EQUIVALENT.

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

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

OTHER CLOTHING: TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE 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 AND DRIED BEFORE RE-USE.

OTHER HANDLING AND STORAGE REQUIREMENTS: STORE IN AIRTIGHT CONTAINERS OR POLY LINED BAGS IN A COOL DRY AREA. STORE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. VEXCON PROVIDES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETEMET OF THE INFORMATION CONTAINED HEREIN.