BioLogic Chemical Works

MATERIAL SAFETY DATA SHEET

MFG.CODE # 18

SECTION I								
MANUFACTURER'S NAME				EMERGENCY TELEPHONE NO.				
BioLogic Chemical Works			248-941-0347					
ADDRESS (Street, City, State and Zip Code)								
P.O. BOX 82501	Rochester	, MI	483	808				
CHEMICAL NAME AND SYNONYMS		TRADE NAME	AND SYN	ONYMS				
N/A		BioCrete						
CHEMICAL FAMILY		FORMULA						
N/A		N/A						
SEC	TION II - HAZAF	PDOUS INGE	SEDIE	NTS				
SECTION II – HAZARDOUS INGREDIENTS								
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASE			S		%	TLV (UNITS)		
Microcrystalline Silicon Dioxide			(CAS#	14808-60-7)	>1	0.1 mg/m3*		
Portland Cement			(CAS#	65997-15-1)	>1	10 mg/m3**		
				//				
*								
*respirable fraction								
**total dust						_		
						L		
A11		SOCA :	C .1.					
All components of this product are lis	sted on the E.P.A./I	SCA inventory	y or ene	emicai substai	ices.			
SECTION III – PHYSICAL DATA								
BOILING POINT °F	N/A	ODEOUELO ODANIETY (1100 – 4)						
VAPOR PRESSURE (mm. Hg.)		DEDCENT VOI ATILE DV VOI LIME (9/)						
VAPOR DENSITY (AIR = 1)	N/A	0						
, ,	N/A	EVAPORATION RATE (=1)				N/A		
SOLUBILITY IN WATER	insoluble	PH N/A				N/A		
APPEARANCE AND ODOR Clear green liquid with strong mint fr	agranca							
Clear green riquid with strong mint in	agrance.							
SEC.	TION IV – FIRE A	ND EXPLOS	SION D	ΔΤΔ				
FLASH POINT (Method Used)		FLAMMABLE LIM			Lel	Uel		
. = 15.11 (V/A	N/A		
NONE								
EXTINGUISHING MEDIA	ı: r							
Use Extinguishing media suitable for fighting surrounding fire. SPECIAL FIRE FIGHTING PROCEDURES								
Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a								
positive mode.								
UNUSUAL FIRE AND EXPLOSION HAZARDS								
None								

(Continued on reverse side)

SECTION V – HEALTH HAZARD DATA								
THRESHOLD LIMIT VALUE	PRIMARY ROUTES	OF ENTRY I	nhalation X	Skin Contact X C	Other (Specify)			
10 mg/m3 total dust					(-)			
EFFECTS OF OVEREXPOSURE								
Eyes- irritation, may cause cornea burns. Skin- dry skin, irritation. Inhalation- headache, dizziness, nausea, possible								
unconsciousness. Ingestion- irritation, nausea, vomiting, diarrhea. EMERGENCY AND FIRST AID PROCEDURE								
Eyes- flush with copious amounts of water lifting lids and removing contact lenses to ensure complete irrigation- get medical								
attention. Skin wash with soap and water, launder contaminated clothing before reuse- get medical attention if irritation								
persists. Inhalation- remove to fresh air and assist breathing as necessary- get medical attention. Ingestion- if conscious give								
liquids to dilute, if vomiting occurs keep head below hips to prevent aspiration into lungs- get medical attention.								
MEDICAL CONDITIONS AGGRAVATED		mps to prev	ent aspiran	on into lungs- ge	or medicar attention.			
Persons with pre-existing skin, eye		lisorders will	be more s	susceptible to effe	ects			
CARCINOGEN:			IARC	Group 2A	OTHER			
Microcrystalline Silicon Dioxide	NIF I	Obable	ARC	Group 2A	OTHER			
SECTION VI – REACTIVITY DATA								
STABILITY	UNSTABLE		CONDITIONS TO AVOID		/OID			
	STABLE	X		Dampness				
INCOMPATIBILITY (Materials to avoid)			·					
Acids								
HAZARDOUS DECOMPOSITION PRODU	CTS							
None	Larry			Laguariana				
HAZARDOUS POLYMERIZATION	MAY OCCUR			CONDITIONS T	O AVOID			
FOLIMERIZATION	WILL NOT OCCUP	₹	X	None				
	PECTION VIII	CDILL OD		DOCEDURE				
	SECTION VII -		LEAN P	RUCEDURES				
STEPS TO BE TAKEN IN CASE MATERIA			- £ -14\	C11	into containon fon disposal			
Ventilate area to control dusting de WASTE DISPOSAL METHOD	uring clean up (avo	oid innalation	of dust).	Shovel or sweep	into container for disposal.			
In accordance with all local, state,	and federal regula	tions						
in accordance with an local, state,	and rederal regula	tions.						
SECTION VIII – SPECIAL PROTECTION INFORMATION								
SPECIAL RESPIRATORY PROTECTION	-							
Use NIOSH approved respirator in areas where TLV has been exceeded.								
	EXHAUST SPECIAL							
	trol TLV N/A							
	NICAL (General) OTHER							
	trol TLV				N/A			
PROTECTIVE GLOVES			PROTECTIO					
Impervious Chemical Goggles								
OTHER PROTECTIVE EQUIPMENT								
Eyewash and safety shower.								
SECTION IX – SPECIAL PRECAUTIONS								
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING								
		roughly after	using Av	oid inhalation of	dust - use only with adequate			
Avoid contact- wear protective clothing and wash thoroughly after using. Avoid inhalation of dust-use only with adequate ventilation. Do not take internally. Avoid storage in damp areas. Keep container closed when not in use.								
OTHER PRECAUTIONS								
Keep Out of Reach of Children.								
				Γ	NAME			
HMIS SYMBOL		NEDA OVA	IDO!		John Petoskey			
-		NFPA SYN	IDUL		SIGNATURE			
HEALTH 1 HMIS	NFPA	FIR	E		Jahr Fred			
FLAMMABILITY 0 SEVERE		_	$<_{0}>$	REACTIVITY				
REACTIVITY 0 SERIOUS		1	` /		TITLE			
MODERAT				` /	Technical Support			
SLIGHT		TOXICITY			PREPARATION DATE			
MINIMAL	0 INSIGNIFICAN	Г		}	July 9, 2009 PHONE NUMBER			
			SPEC	IAL	248-9471-0347			

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BioCrete