

GHS SDS

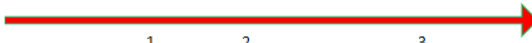
Section 1 Identification of Substance and Supplier Date: 062023

Product identifier: Pro-SealECCO NanoCrete Type M Part of a soils and tailings stabilization and leachate prevention system for earthen soils

Supplier: Pro-Seal Products Inc 2020 Maltby Rd Ste 125, Bothell, WA 98021 Sub. Of ProSealCorp

Emergency Number: 800 424 9300 information: 800 349 7325 Email: informations@prosealcorp.com

Section 2 Hazardous Identification (GHS classification, label elements or words, ie skull and cross bones other classifications e.g. dust explosion hazard)

Definition Classification Good  Bad

1 2 3 4

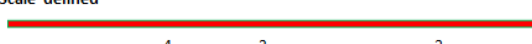
WIHMS/HIMS

H Health 1	F Fire 0	R Reativity 0	P Personal protection B
-------------------------	-----------------------	----------------------------	--------------------------------------

Acute toxic	Category	Sensitization	Category	Carcinogenity	Category
Oral	4	Respiratory	1	Carcinogen	1A
Inhilation	3	Eye	1	Target Organ	
Skin	1B			lungs repeat/constant exposure	4
Eye	1				

Lables	Shape	Color	Signal Words	Hazard Statements
Corrosive metal & skin	Diamond	red boarder	Danger	Harmful if Swallowed
Carcinogen Silouette w/ burst	Diamond	red boarder		Contact with skin
	Diamond	red boarder		Toxic if Inhaled
				Causes Severe Skin & Eye Burns
				Causes Serious Eye Damage
				Causes alergy & Asthma Symptoms
				Causes Breathing Difficulty
				May Cause Cancer
				Cuases Damage to Lungs Through

OSHA Hazard Classification Scale defined

Hazard Classes Good  Bad

5 4 3 2 1

Hazardous Identification	Class
Skin Irritation:	2
Eye Damage:	1
Carcinogenicity	1A
Specific Target organ	
Systemic Toxicity	
Single Exposure	
Category 3 Reporatory System:	3

Section 3 Composition (identification of hazardous ingredients, contibuting impurities, common name, CAS number, concentrations above cut off levels)

Material/Compound	%	CAS #	LD ₅₀ Species/Route	LC ₅₀ Species/Route
Portland Cement	<78	65997-7-1	5000 mg/kg ipr rat	N/A
3CaO.SiO ₂	<5	12168-85-3	400 mg/kg ipr rat	N/A
2CaO.SiO ₂	<5	10034-77-2	400 mg/kg ipr rat	N/A
3CaO.Al ₂ O ₃	<5	12042-78-3	5000 mg/kg ipr rat	N/A
4CaO.Al ₂ O ₃ Fe ₂ O ₃	<5	12068-35-8	5500 mg/kg ipr rat	N/A
CaSO ₄ XH ₂ O	<5	13397-24-5	no data	N/A
possibly present CaO	trace	n/a	n/a	N/A
possibly present MgO	trace	n/a	n/a	N/A
possibly present K ₂ SO ₄	trace	n/a	n/a	N/A
possibly present Na ₂ SO ₄	trace	n/a	n/a	N/A
Titanium Oxide	<5	13463-67-7	10g/kg ihl rat	N/A
Quartz		14808-60-7	rat oral 500mg/kg	N/A

Special Note:
Some of the components of this product are considered to be hazardous or Carcinogens per 1910.001200 hazardous communica; ultra-fine talc type powder floats , irritates mucouse membranes, throat , lungs, eyes and is known in lab rodents to cause repriatory issues or cancer when inhaled wear respiratory dust protection.

Section 4 Emergency First Aid Measures

Eyes: Flush with copius amounts cool water for a minimum of 15 minutes.
If irritation occurs get medical attention.

Skin: Flush exposed area with copius amounts of clean tap water for at least 15 minutes.
If irritation occurs get medical attention.

Ingestion: Do not induce vomiting. Dilute with large amounts of water and weak vinegar or orange juice. Get medical attenton.

Section 5		Fire Fighting Measures	
Flash Point:	N/A	Extinguishing Media;	N/A
Auto Ignition Temperature;	N/A	Sensitivity to Static Discharge:	None
Unusual Fire /Explosion Hazards:	None	Sensitivity to impact:	None
Flamibility limits in Air:	l.e.l. No data	u.e.l. N/A	
Section 6		Accidental Release Measures	
Leak or Spill:	Small leaks: Large leaks or spills:	control and contain dust, recycle, wear dust mask and protective gear as above	
Section 7		Handling and Storage	
Waste disposal:	None specified		
Precautions for handling:	Keep containers closed when not in use or moving material. Store on cool dry, ventilated area. Store away from heat and open flame, normal temperatures and pressures do not effect material For industrial use keep out of reach of children		
Section 8		Exposure Controls / Personal Protection	
Preventative Measures:			
Respiratory protection:	Wear dust mask, ventilate closed work space		
Ventilation:	Always use ventilation in closed environments		
Skin/clothing:	Rubber gloves, rubber aprons, rubber shoe covers , chemical protective overalls (recommended)		
Eye protection:	Always wear eye protection goggles		
Other protective measures:	avoid skin contact		
Section 9		Chemical Properties (pH, odor threshold, flammability limits, evap rate, etc.)	
Physical Data:			
Odor:	no odor	pH :	>=12
Appearance:	grey to white talc	Odor Threshold:	N/A
Physical State:	powder or talc /fluid/plastic/solid	Evaporation Rate:	(Ether =1) N/A
Specific Gravity:	(H ₂ O = 1) >1	Vapor Pressure:	Unknown
Vapor Density:	(Air=1) >1	Freezing Point:	32°F/0° N/A in powder/talc form
Boiling Point:	212°F N/A	Solubility in H ₂ O:	No
Section 10		Stability and Reactivity (hazardous reactions, conditions to avoid incompatible materials, hazardous decoposition)	
Stability:	stable		
Hazardous decomposition:	None known		
Incompatibility:	acids, ammoniums, salts, aluminum metal		
Hazardous depolymerization:	Will not spontaneously occur. Adding water results inhydration producing caustic calcium hydroxide.		
Conditions to avoid	Do not unintentionally mix with water or other chemicals		
Section 11		Toxilogical information (routes of exposure)	
Route of entry:	exposure limits effects of over exposure		
Respiratory:	burns to or sensitization of mucous membranes, prolonged exposure or continued repeated exposure may damage lungs		
Eyes:	May cause irritation and redness, may cause sensitization, may burn or permanently damage eyes		
Oral:	May cause irritation to throat, sensitization, burns		
Ingestion:	May cause irritation to gastro-intestinal tract		
Skin:	May cause dry skin, burns, sensitization,		
Carcinogenicity:	Portland Cement (ACGIH Class A4 not classifiable as human carcinogen Some formula's contain Quartz ACGIH class-A2 suspected human carcinogin		
Note:	Contains suspect hazardous carcinogens materials as defined by OSHA and ACGH		
Section 12		Ecological information (aquatic and terrestrial, where available, degradeability, bio accumulative, mobility in soil, other adverse)	
Terra Eco toxicity:	None known	Aquatic Eco Toxicity:	Solidifies in water or moisture.
Degradability:	will not dissolve in water		No known detrimental leaching Occurs.
Bioaccumulative potential:	Reacts with moisture hardens		Should not be randomly dumped in water or sewer, will not dissolve.
Mobility in soil:	not mobile, no migration occurs		Stabilizes land fill soils when infused to soil and wetted.
other adverse effects:	None known, no material negative reactivity occurs, no migration occurs.		
Section 13		Disposal considerations	
Residue:	reactive ultra-fine powder or dust		
Safe handling:	Dust mask, gloves, chemical protective overalls, scoop and avoid creating dust		
Methods of disposal:	per local, city, county, state and federal regulations		
packaging disposal:	per local, city, county, state and federal regulations		
Section 14		Transportation classification (transport hazard class, packaging group, marine polutant, special precautions)	
UN Number:	381600		
Packaging group:	Non hazardous sealed containers		
Marine polutant:	No		
Special precautions:	Avoid getting wet		
transport:	H= 1,F=0,R=0, P=B		

Section 15	Regulatory information (Safety,health, environmental regulations specific for product)
None known : No special regulatory controls published at this time. Not a Regulated Material	
Section 16	Preparation information revision information
<p>Disclaimer: Judgements as to the determination of the suitability of the information herein for the purchasers purposes are necessarily the purchasers responsibility. Therefore, although reasonable care has been taken in the preparation of such information, ProSeal Products inc. extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchasers intended purpose or consequences of the use of this information.</p> <p>Revisions: From time to time this information may be modify, updated, and edited as information is made known or becomes known to the publisher the increase the general knowledge and undrstanding of the material regarding safety and the environment.</p> <p>Created by MF</p>	