Version 1.1	Revision Date: 01/05/2021		DS Number: 00000260230	Date of last issue: 04/29/2020 Date of first issue: 04/29/2020	
SECTIO	N 1. IDENTIFICATION				
	duct name duct code	:	MasterSeal 500 (0000000000517	gry 10498 00000000051710498	
Mar	nufacturer or supplier's	deta	ails		
	Company name of supplier Address		 Master Builders-Admixtures US,LLC 23700 CHAGRIN BLVD Beachwood OH 44122 		
Eme	Emergency telephone		: ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contra Number MIS9240420		
Rec	commended use of the o	cher	nical and restricti	ons on use	
	commended use trictions on use	-	Product for const Reserved for ind	ruction chemicals ustrial and professional use.	
SECTIO	N 2. HAZARDS IDENTIF		TION		

GHS classification in accordance with 29 CFR 1910.1200

Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 1
Specific target organ toxicity - single exposure	:	Category 3 (respiratory tract irritation)
Carcinogenicity (Inhalation)	:	Category 1A (Lungs)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 1 (Lungs)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 2 (Kidney, Immune system)
GHS label elements		
GHS label elements Hazard pictograms	:	
	:	Danger

ersion .1	Revision Date: 01/05/2021	SDS Number: 000000260230	Date of last issue: 04/29/2020 Date of first issue: 04/29/2020
Preca	autionary Statements	face protection. P201 Obtain sp	tective gloves/ protective clothing/ eye protection becial instructions before use. outdoors or in a well-ventilated area.
		P202 Do not ha and understood P270 Do not ea	eathe dust or mist. andle until all safety precautions have been read d. at, drink or smoke when using this product. we, hands and any exposed skin thoroughly after
		for several minu to do. Continue P310 Immediat P304 + P340 IF keep comfortat P302 + P352 IF	P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and easy rinsing. ely call a POISON CENTER/ doctor/ FINHALED: Remove person to fresh air and ble for breathing. FON SKIN: Wash with plenty of water. ake off contaminated clothing and wash it before
		Storage: P403 + P233 S tightly closed. P405 Store locl	tore in a well-ventilated place. Keep container ked up.
		Disposal: P501 Dispose of waste collection	of contents/container to appropriate hazardous

In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

: modified cement mortar

Components

Chemical name	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1	>= 50 - < 75
crystalline silica	14808-60-7	>= 25 - <= 50
sodium carbonate	497-19-8	>= 7 - < 15
Iron oxide	1309-37-1	>= 0 - < 10
Tartaric acid	87-69-4	>= 1 - < 3
Limestone	1317-65-3	>= 1 - <= 7
Gypsum (Ca(SO4).2H2O)	13397-24-5	>= 1 - <= 3
Titanium dioxide	13463-67-7	>= 1 - <= 3

SECTION 4. FIRST AID MEASURES

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Gene	ral advice	Consult a ph Show this ma ance.	dangerous area. ysician. aterial safety data sheet to the doctor in attend- the victim unattended.
lf inha	aled	: After inhalation Keep patient If difficulties of Seek medica	calm, remove to fresh air. occur:
In cas	se of skin contact	: If skin irritation If on skin, rin	on persists, call a physician. se well with water. remove clothes.
In cas	se of eye contact	: Small amour sue damage In the case o of water and Continue rins Remove con Protect unha Keep eye wid	nts splashed into eyes can cause irreversible tis- and blindness. If contact with eyes, rinse immediately with plent seek medical advice. sing eyes during transport to hospital. tact lenses.
lf swa	allowed	seek medica	e vomiting unless told to by a poison control cen
	important symptoms ffects, both acute and ed	May cause re May cause c Causes dam exposure if ir	ous eye damage. espiratory irritation. ancer. age to organs through prolonged or repeated
Notes	s to physician	: Treat sympto	omatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam Water spray Dry powder Carbon dioxide (CO2) Product itself is non-combustible. Only the packaging materi- als can catch fire. The extinguishing agents normally used are sufficient.
Unsuitable extinguishing media	:	water jet
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment	:	Wear self-contained breathing apparatus for firefighting if nec-

SAFETY DATA SHEET

MasterSeal 500 gry

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	for fire-	fighters		essary.	
SEC	CTION 6	ACCIDENTAL RELE	ASI	EMEASURES	
	tive equ	al precautions, protec- upment and emer- procedures	:	Use personal prod Avoid dust format Avoid breathing d Ensure adequate	ust.
	Environ	mental precautions	:	Prevent further le	rom entering drains. akage or spillage if safe to do so. taminates rivers and lakes or drains inform ities.
		s and materials for ment and cleaning up	:	Neutralize with ac Keep in suitable,	id. closed containers for disposal.
SEC	CTION 7	HANDLING AND ST	OR/	AGE	
		on protection against explosion	:	Avoid dust format Provide appropria is formed.	ion. te exhaust ventilation at places where dust
	Advice	on safe handling	:	Do not breathe va Avoid exposure - Avoid contact with For personal prote Smoking, eating a plication area. Provide sufficient	obtain special instructions before use.
	Conditio	ons for safe storage	:	Keep container tig place. Observe label pre	ions / working materials must comply with
	Further age cor	information on stor- nditions	:		be stored tightly sealed in a dry place.
	Materia	ls to avoid	:	Segregate from m Segregate from a Segregate from o Segregate from fo	cids and bases.
	Further age sta	information on stor- bility	:	No decompositior	n if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis	
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sion	Revision Date: 01/05/2021	SDS Number: 000000260230		t issue: 04/29/2020 t issue: 04/29/2020	
			exposure)	concentration	
calciu	ım oxide	1305-78-8	TWA value	2 mg/m3	ACGIHTL
calciu		1303-70-0	REL value	2 mg/m3	NIOSH
			PEL	5 mg/m3	29 CFR
			L L	5 mg/m5	1910.100
					(Table Z-
			TWA value	5 mg/m3	29 CFR
				5 mg/m5	1910.100
					(Table Z-
			TWA	2 mg/m3	ACGIH
			TWA	2 mg/m3	NIOSH R
			TWA	5 mg/m3	OSHA Z-
			TWA	5 mg/m3	OSHA PC
Iron o	vide	1309-37-1	TWA value	5 mg/m3	ACGIHTL
11011 0		1000 07 1	(Respirable	o mg/mo	
			fraction)		
			REL value	5 mg/m3	NIOSH
			(Dust and	(iron (Fe))	
			fume)	(
			PEL	10 mg/m3	29 CFR
			(fumes/smok	- 5	1910.100
			e)		(Table Z-
			TWA value	10 mg/m3	29 CFR
			(fumes/smok	Ū	1910.100
			e)		(Table Z-
			TWA (Res-	5 mg/m3	ACGIH
			pirable par-		
			ticulate mat-		
			ter)		
			TWA (dust	5 mg/m3	NIOSH R
			and fume)	(Iron)	
			TWA	10 mg/m3	OSHA Z-
			(Fumes)		
			TWA (total	15 mg/m3	OSHA Z-
			dust)	5	
			TWA (respir-	5 mg/m3	OSHA Z-
			able fraction)	10 mg/m2	
			TWA (Fumos)	10 mg/m3	OSHA PO
Limes	stone	1317-65-3	(Fumes) REL value	5 mg/m3	NIOSH
Lines	SUIR	1317-00-3		o my/mo	
			(Respirable) REL value	10 mg/m3	NIOSH
			(Total)	10 mg/m3	NIOSH
			PEL (Respir-	5 mg/m3	29 CFR
			able fraction)	5 mg/m5	1910.100
					(Table Z-
			PEL (Total	15 mg/m3	29 CFR
			dust)	10 119/110	1910.100
					(Table Z-
			TWA value	5 mg/m3	29 CFR
			(Respirable	5 mg/m0	1910.100
			fraction)		(Table Z-
			TWA value	15 mg/m3	29 CFR

sion	Revision Date: 01/05/2021	SDS Number: 000000260230		t issue: 04/29/2020 t issue: 04/29/2020	
			(Total dust)		1910.1000 (Table Z-1-
			TWA (total dust)	15 mg/m3	OSHA Z-1
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH RE
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH RE
Gypsi	um (Ca(SO4).2H2O)	13397-24-5	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV
			REL value (Respirable)	5 mg/m3	NIOSH
			REL value (Total)	10 mg/m3	NIOSH
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-
			TWA (Res- pirable)	5 mg/m3	NIOSH RE
			TWA (total) TWA (total dust)	10 mg/m3 15 mg/m3	NIOSH RE OSHA Z-1
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
Titani	um dioxide	13463-67-7	TWA value PEL (Total dust)	10 mg/m3 15 mg/m3	ACGIHTLV 29 CFR 1910.1000

rsion	Revision Date: 01/05/2021	SDS Number: 000000260230		t issue: 04/29/2020 t issue: 04/29/2020	
					(Table Z-1)
			TWA value	10 mg/m3	29 CFR
			(Total dust)		1910.1000
			, ,		(Table Z-1-A
			TWA (total	15 mg/m3	OSHA Z-1
			dust)	10 1119/1110	001//21
-			/		OSHA P0
			TWA (Total	10 mg/m3	USHA PU
			dust)		
			TWA	10 mg/m3	ACGIH
				(Titanium dioxide)	
Quart	z (SiO2)	14808-60-7	TWA value	0.025 mg/m3	ACGIHTLV
	()		(Respirable		
			fraction)		
			TWA value	0.05 mg/m3	29 CFR
			I WA value		
				(Respirable dust)	1910.1001-
					1050
			OSHA Action	0.025 mg/m3	29 CFR
			level	(Respirable dust)	1910.1001-
				(1050
			REL value	0.05 mg/m3	NIOSH
				0.03 mg/m3	NICSIT
			(Respirable		
			dust)		
			TWA (Res-	0.05 mg/m3	OSHA Z-1
			pirable dust)		
			TWA (respir-	10 mg/m3 /	OSHA Z-3
			able)	%SiO2+2	
			TWA (respir-	250 mppcf /	OSHA Z-3
			able)	%SiO2+5	0011/20
-			/		
			TWA (respir-	0.1 mg/m3	OSHA P0
			able dust		
			fraction)		
			TWA (Res-	0.025 mg/m3	ACGIH
			pirable par-	(Silica)	
			ticulate mat-	, ,	
			ter)		
			PEL (respir-	0.05 mg/m3	OSHA CAR
				0.00 mg/mo	
			able)	0.05 mm/=0	
			TWA (Res-	0.05 mg/m3	NIOSH REL
			pirable dust)	(Silica)	
Ceme	ent, portland, chemicals	65997-15-1	TWA value	1 mg/m3	ACGIHTLV
			(Respirable		
			fraction)		
			REL value	10 mg/m3	NIOSH
			(Total)		
			REL value	5 mg/m2	NIOSH
				5 mg/m3	
			(Respirable)		
			PEL (Total	15 mg/m3	29 CFR
			dust)		1910.1000
					(Table Z-1)
			PEL (Respir-	5 mg/m3	29 CFR
			able fraction)	5	1910.1000
					(Table Z-1)
				10 mg/m2	
1			TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000
				1	

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						(Table Z-1-A)	
				TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)	
				TWA value	50 millions of particles per cubic foot of air	29 CFR 1910.1000 (Table Z-3)	
				TWA (Res- pirable par- ticulate mat- ter)	1 mg/m3	ACGIH	
				TWA (Res- pirable)	5 mg/m3	NIOSH REL	
				TWA (total)	10 mg/m3	NIOSH REL	
				TWA (total dust)	15 mg/m3	OSHA Z-1	
				TWA (respir- able fraction)	5 mg/m3	OSHA Z-1	
				TWA (Total dust)	10 mg/m3	OSHA P0	
				TWA (respir- able dust fraction)	5 mg/m3	OSHA P0	
				TWA (Dust)	50 Million parti- cles per cubic foot	OSHA Z-3	
Engi	neering measures	:	Provide local P.E.L.	exhaust ventilati	on to maintain recom	mended	
Perse	onal protective equipr	nent					
Resp	iratory protection	:		tection if dusts a H-certified (or ec	re formed. quivalent) particulate	respirator.	
Hand	protection						
Re	emarks	:			orkplace should be di	scussed	
Eye p	protection	:	 with the producers of the protective gloves. Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems. 				
Skin	and body protection	:	Choose body		ding to the amount a ubstance at the work		
Prote	ctive measures	:	 Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. 				
Hygie	ene measures	:					

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: powder

Color:grayOdor:earthyOdor Threshold:Not determined due to potential health hazard by inhalation.pH:approx.12 - 13 (as aqueous suspension)Metting temperature:> 1,832 °F / > 1,000 °Cboiling temperature:> 1,832 °F / > 1,000 °Cboiling temperature:Not applicableFlash point:does not flashEvaporation rate:No applicable information available.Flammability (solid, gas):not flammableUpper explosion limit / Upper flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Lower explosion limit / Lower flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Vapor pressure:No applicable information available.Relative density:No applicable information available.Bulk density:approx. 1,800 - 2,400 kg/m3Solubility in other solvents:No applicable information available.Partition coefficient: n- octanol/water:No applicable information available.Decomposition temperature:Not applicableDecomposition temperature:Not applicableDecomposition temperature:Not applicable <t< th=""><th>Version 1.1</th><th>Revision Date: 01/05/2021</th><th>-</th><th>S Number: 0000260230</th><th>Date of last issue: 04/29/2020 Date of first issue: 04/29/2020</th></t<>	Version 1.1	Revision Date: 01/05/2021	-	S Number: 0000260230	Date of last issue: 04/29/2020 Date of first issue: 04/29/2020	
Odor : earthy Odor Threshold : Not determined due to potential health hazard by inhalation. pH : approx.12 - 13 (as aqueous suspension) Metting temperature :> 1,832 °F / > 1,000 °C boiling temperature :> Not applicable Flash point :: does not flash Evaporation rate : No applicable information available. Flammability (solid, gas) :: not flammable Upper explosion limit / Upper : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Lower explosion limit / Lower flammability limit : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Vapor pressure : No applicable information available. Relative density : No applicable information available. Bulk density : approx. 1,800 - 2,400 kg/m3 Solubility in other solvents : No applicable information available. Partition coefficient: n- octanol/water : No applicable information available. Dec	Color			aray		
Odor Threshold:Not determined due to potential health hazard by inhalation.pH:approx. 12 - 13 (as aqueous suspension)Melting temperature:> 1,832 °F / > 1,000 °Cboiling temperature:Not applicableFlash point:does not flashEvaporation rate:No applicable information available.Flammability (solid, gas):not flammableUpper explosion limit / Upper flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Lower explosion limit / Lower flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Vapor pressure:No applicable information available.Relative vapor density:No applicable information available.Bulk density Solubility in other solvents:No applicable information available.Partition coefficient: n- octaro/Water:No tapplicable information available.Autoignition temperature:No tapplicable information available.Decomposition temperature:No applicable information available.Partition coefficient: n- octaro/Water:No tapplicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosi			•	0		
pH : approx. 12 - 13 (as aqueous suspension) Melting temperature :> 1,832 °F / > 1,000 °C boiling temperature : Flash point :: does not flash Evaporation rate : Flammability (solid, gas) :: ott flammabile Upper explosion limit / Upper flammability limit cover explosion limit / Lower flammability limit flammability limit cover explosion limit / Lower flammability limit			:	earthy		
(as aqueous suspension) Melting temperature : > 1,832 °F / > 1,000 °C boiling temperature : Not applicable Flash point : does not flash Evaporation rate : No applicable information available. Flammability (solid, gas) : not flammable Upper explosion limit / Upper flammability limit : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Lower explosion limit / Lower flammability limit : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Vapor pressure : No applicable information available. Relative vapor density : No applicable information available. Bulk density : approx. 1,800 - 2,400 kg/m3 Solubility (ies) : wapplicable Water solubility : No applicable Partition coefficient: n- critication : Not applicable octanol/water : No applicable information available. Decomposition temperature : Not applicable Viscosity viscosity, dynamic : Not applicable Viscosity, kinematic	Odor	Threshold	:	Not determined	I due to potential health hazard by inhalation.	
boiling temperature:Not applicableFlash point:does not flashEvaporation rate:No applicable information available.Flammability (solid, gas):not flammableUpper explosion limit / Upper:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Lower explosion limit / Lower 	рН		:			
Flash point : does not flash Evaporation rate : No applicable information available. Flammability (solid, gas) : not flammable Upper explosion limit / Upper : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Lower explosion limit / Lower flammability limit : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Vapor pressure : No applicable information available. Relative vapor density : No applicable information available. Bulk density : approx. 1,800 - 2,400 kg/m3 Solubility(les) : dispersible (68 °F / 20 °C) Vater solubility : No applicable information available. Partition coefficient: n- ortano/water : No applicable information available. Partition coefficient: n- ortano/water : No applicable information available. Decomposition temperature : No applicable information available. Decomposition temperature : No applicable information available. Decomposition temperature : No decomposition if stored and handled as prescribed/indicated. Viscosity, kinematic <td< td=""><td>Meltir</td><td>ng temperature</td><td>:</td><td>> 1,832 °F / > 1</td><td>000 °C</td></td<>	Meltir	ng temperature	:	> 1,832 °F / > 1	000 °C	
Evaporation rate:No applicable information available.Flammability (solid, gas):not flammableUpper explosion limit / Upper flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Lower explosion limit / Lower flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Vapor pressure:No applicable information available.Relative vapor density:No applicable information available.Relative density:No applicable information available.Bulk density Solubility(ies) Water solubility:No applicable information available.Partition coefficient: n- octanol/water Autoignition temperature:No applicable information available.Decomposition temperature:No applicable information available.Decomposition temperature:No applicable information available.Viscosity Viscosity, dynamic:No tapplicable information available.Viscosity, kinematic:Not applicable information available.Viscosity, kinematic:Not applicable information available.Partition coefficient: n- octanol/water Autoignition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity, dynamic:Not applica	boilin	g temperature	:	Not applicable		
Flammability (solid, gas) : not flammable Upper explosion limit / Upper : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Lower explosion limit / Lower : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Vapor pressure : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use. Vapor pressure : No applicable information available. Relative vapor density : No applicable information available. Bulk density : approx. 1,800 - 2,400 kg/m3 Solubility(ies) : dispersible (68 °F / 20 °C) Vater solubility : Not applicable information available. Partition coefficient: n- octanol/water : Not applicable information available. Decomposition temperature : No decomposition if stored and handled as prescribed/indicated. Viscosity viscosity, dynamic : Not applicable Viscosity, kinematic : Not applicable	Flash	n point	:	does not flash		
Upper explosion limit / Upper : As a result of our experience with this product and our flammability limit : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance Lower explosion limit / Lower : As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance Vapor pressure : No applicable information available. Relative vapor density : No applicable information available. Relative density : approx. 1,800 - 2,400 kg/m3 Solubility (ies) : approx. 1,800 - 2,400 kg/m3 Water solubility : dispersible (68 °F / 20 °C) Solubility in other solvents : No applicable information available. Partition coefficient: n- : Not applicable information available. Decomposition temperature : No decomposition if stored and handled as pre- Viscosity Viscosity, dynamic : Not applicable Viscosity, kinematic : Not applicable	Evap	oration rate	:	No applicable i	nformation available.	
flammability limitknowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Lower explosion limit / Lower flammability limit:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Vapor pressure Relative vapor density:As a result of our experience with this product and our knowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Vapor pressure Relative vapor density:No applicable information available.Relative density Solubility (ies) Water solubility:No applicable information available.Bulk density Solubility in other solvents octanol/water Autoignition temperature:No applicable information available.Partition coefficient: n- octanol/water Autoignition temperature:No applicable information available.Decomposition temperature Viscosity Viscosity, dynamic:No applicable information available.Viscosity, kinematic:Not applicable information if stored and handled as pre- scribed/indicated.	Flam	mability (solid, gas)	:	not flammable		
flammability limitknowledge of its composition we do not expect any hazard a long as the product is used appropriately and in accordance with the intended use.Vapor pressure:No applicable information available.Relative vapor density:No applicable information available.Relative density:No applicable information available.Bulk density:approx. 1,800 - 2,400 kg/m3Solubility(ies):dispersible (68 °F / 20 °C)Vater solubility:No applicable information available.Partition coefficient: n- octanol/water Autoignition temperature:No applicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, kinematic:Not applicableViscosity, kinematic:Not applicable			:	knowledge of it long as the pro	s composition we do not expect any hazard as duct is used appropriately and in accordance	
Relative vapor density:No applicable information available.Relative density:No applicable information available.Bulk density:approx. 1,800 - 2,400 kg/m3Solubility(ies):dispersible (68 °F / 20 °C)Vater solubility:No applicable information available.Partition coefficient: n- octanol/water:Not applicableAutoignition temperature:No applicableDecomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic:Not applicableViscosity, kinematic:Not applicableViscosity, kinematic:Not applicable				knowledge of it long as the pro	s composition we do not expect any hazard as duct is used appropriately and in accordance	
Relative density:No applicable information available.Bulk density:approx. 1,800 - 2,400 kg/m3Solubility(ies):dispersible (68 °F / 20 °C)Water solubility:dispersible (68 °F / 20 °C)Solubility in other solvents:No applicable information available.Partition coefficient: n- octanol/water:Not applicableAutoignition temperature:No applicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic:Not applicableViscosity, kinematic:Not applicable	Vapo	r pressure	:	No applicable i	nformation available.	
Bulk density Solubility(ies) Water solubility: approx. 1,800 - 2,400 kg/m3Water solubility: dispersible (68 °F / 20 °C)Solubility in other solvents: No applicable information available.Partition coefficient: n- octanol/water Autoignition temperature: Not applicableDecomposition temperature: No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic: Not applicableViscosity, kinematic: Not applicable	Relat	ive vapor density	:	No applicable i	nformation available.	
Solubility(ies) Water solubility:dispersible (68 °F / 20 °C)Solubility in other solvents:No applicable information available.Partition coefficient: n- octanol/water Autoignition temperature:Not applicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic:Not applicable indicatedViscosity, kinematic:Not applicable	Relat	ive density	:	No applicable i	nformation available.	
Water solubility:dispersible (68 °F / 20 °C)Solubility in other solvents:No applicable information available.Partition coefficient: n- octanol/water:Not applicableAutoignition temperature:No applicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic:Not applicableViscosity, kinematic:Not applicableViscosity, kinematic:Not applicable			:	approx. 1,800 -	2,400 kg/m3	
Partition coefficient: n- octanol/water: Not applicableAutoignition temperature: No applicable information available.Decomposition temperature: No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic: Not applicableViscosity, kinematic: Not applicable			:	dispersible (68	s °F / 20 °C)	
octanol/water Autoignition temperature:No applicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic:Not applicableViscosity, kinematic:Not applicable	So	olubility in other solvents	:	No applicable i	nformation available.	
Autoignition temperature:No applicable information available.Decomposition temperature:No decomposition if stored and handled as pre- scribed/indicated.Viscosity Viscosity, dynamic:Not applicableViscosity, kinematic:Not applicable	Partit	ion coefficient: n-	:	Not applicable		
Viscosity scribed/indicated. Viscosity, dynamic : Not applicable Viscosity, kinematic : Not applicable			:	No applicable i	nformation available.	
Viscosity, dynamic:Not applicableViscosity, kinematic:Not applicable	Deco	mposition temperature	:			
			:	Not applicable		
Explosive properties : Not explosive	Vi	Viscosity, kinematic		Not applicable		
	Explo	osive properties	:	Not explosive		

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		Not explosive	9	
Oxidiz	ing properties	: Based on its as oxidizing.	structural properties the product is not classified	
Self-h	eating substances	: No data available		
Sublin	nation temperature	: No applicable information available.		
Molecular weight		: No data avai	lable.	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as pre- scribed/indicated.
Chemical stability	:	The product is stable if stored and handled as pre- scribed/indicated.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong bases
		Strong acids
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks

: Chromate in this product has been reduced. Sensitization due to chromate within stated shelf-live is unlikely.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

May cause cancer.

rsion	Revision Date: 01/05/2021		DS Number: 00000260230	Date of last issue: 04/29/2020 Date of first issue: 04/29/2020
-	oductive toxicity lassified based on availa	able	information.	
STO	Γ-single exposure			
May o	cause respiratory irritation	on.		
Caus	Γ-repeated exposure es damage to organs the cause damage to organs			peated exposure if inhaled. repeated exposure.
•	r ation toxicity lassified based on availa	able	information.	
Furth	er information			
<u>Prode</u> Rema		:		not been tested. The statements on toxicolo- rived from the properties of the individual
CTION	12. ECOLOGICAL INF	OR	MATION	
Ecoto	oxicity			
Prod	uct:			
Ecoto	oxicology Assessment			
Acute	e aquatic toxicity	:	This product has	no known ecotoxicological effects.
Chror	nic aquatic toxicity	:	This product has	no known ecotoxicological effects.
Porci	stonce and degradabil	i4\/		

Persistence and degradability

Ρ	ro	d	uc	t:	

Biodegradability	:	Remarks: Not applicable for inorganic substances.
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Components:

sodium carbonate:

Biodegradability	: Remarks: Not applicable
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Bioaccumulative potential

Product:

Bioaccumulation : Remarks: The product will not be readily bioavailable due to its consistency and insolubility in water.

Components:

sodium carbonate:		
Partition coefficient: n-	:	Remarks: The value has not been determined because the
octanol/water		substance is inorganic.

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ty in soil		
<u>ct:</u> ution among environ- compartments	particles is pr is not expecte The substanc	e will not evaporate into the atmosphere from
adverse effects		
<u>ct:</u>		
nal ecological infor-	harmful to aq The product h	h probability that the product is not acutely uatic organisms. has not been tested. The statements on ecotoxi- been derived from the properties of the individual
	01/05/2021 ty in soil tion among environ- compartments adverse effects <u>ct:</u> nal ecological infor-	01/05/2021 000000260230 ty in soil <u>ct:</u> ution among environ- compartments : Remarks: Fol particles is pri- is not expected The substance the water surf adverse effects <u>ct:</u> nal ecological infor- : There is a hig harmful to aqui The product h cology have b

Disposal methods		
Waste from residues	:	Dispose of in accordance with national, state and local regula- tions.
		Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	:	Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub- stance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR Not regulated as a dangerous good

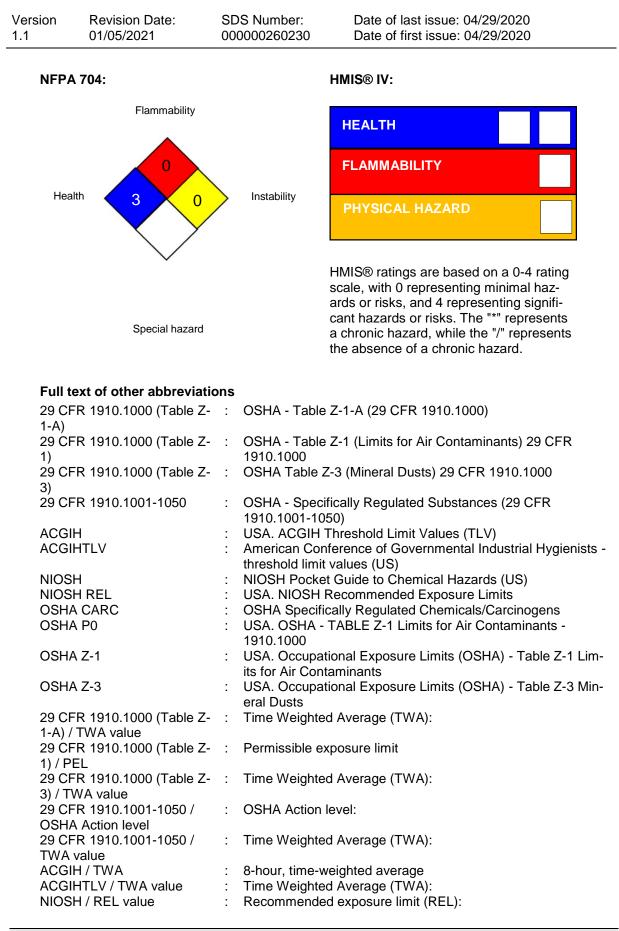
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SECTION	SECTION 15. REGULATORY INFORMATION									
US S	tate Regulations									
Penn	sylvania Right To K	now								
	Limestone Gypsum (Ca(SC Titanium dioxide Cement, portlan crystalline silica)	1317-65-3 13397-24-5 13463-67-7 65997-15-1 14808-60-7							
New	Jersey Right To Kno	w								
	Limestone Titanium dioxide Cement, portlan crystalline silica	·	1317-65-3 13463-67-7 65997-15-1 14808-60-7							
WAR know		ornia to cause cancer.	nicals including Titanium dioxide, which is/are For more information go to							

The ingredients of this product are reported in the following inventories:

DSL	: All components of this product are on the Canadian DSL
TSCA	: All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

SECTION 16. OTHER INFORMATION

Further information



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NIOS	H REL / TWA		ed average concentration for up to a 10-hour ing a 40-hour workweek		
OSHA CARC / PEL		: Permissible	: Permissible exposure limit (PEL)		
OSHA P0 / TWA		: 8-hour time v	8-hour time weighted average		
OSHA Z-1 / TWA			8-hour time weighted average		
OSH/	A Z-3 / TWA	: 8-hour time v	8-hour time weighted average		

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB -Very Persistent and Very Bioaccumulative

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: 01/05/2021

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IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE

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