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SEC	SECTION 1. IDENTIFICATION								
	Product name		:	WABOCRETE II PTB					
	Produc	t code	:	00000000057153969 00000000057153969					
	Other n	neans of identification	:	Part #14381G					
	Manufacturer or supplier's o			ils					
	Company name of supplier		:	Master Builders-Construction Systems US, LLC					
	Address		:	23700 CHAGRIN BLVD Beachwood OH 44122					
	Emerge	ency telephone	:	ChemTel: +1-813-248-0585					
	National Emergency Tele- phone Number		:	USA: +1-800-255-3924 ChemTel contract no. MIS92404					
	Recom	mended use of the c	hem	nical and restriction	ons on use				
	Recom	mended use	:	Product for construction chemicals					
	Restrictions on use			Reserved for indu	strial and professional use.				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : castor oil inorganic

inorganic compounds

Components

Chemical name	CAS-No.	Concentration (% w/w)
Castor oil	8001-79-4	>= 70 - <= 100
Carbon black	1333-86-4	>= 0.1 - < 1
Actual concentration is with	hold on a trada aparat	

Actual concentration is withheld as a trade secret

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SECTION	4. FIRST AID MEASU	RES					
Gene	General advice		First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.				
lf inha	If inhaled		Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.				
In cas	In case of skin contact		After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.				
In cas	In case of eye contact		Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.				
lf swa	If swallowed		Immediately rinse mouth and then drink 200-300 ml of wate seek medical attention. Do not induce vomiting unless told to by a poison control ce ter or doctor.				
	important symptoms ffects, both acute and ed	:	None known.				
Notes	s to physician	:	Treat symptoma	tically.			

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam Water spray Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	water jet
Hazardous combustion prod- ucts	:	fumes/smoke harmful vapours Carbon oxides nitrogen oxides carbon black
Further information	:	The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.
Special protective equipment for fire-fighters	:	Wear a self-contained breathing apparatus.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.
Environmental precautions	:	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Methods and materials for containment and cleaning up	:	Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Avoid inhalation of dusts/mists/vapours. Avoid skin contact. Ensure adequate ventilation. No special measures necessary provided product is used correctly.
Conditions for safe storage	:	Electrical installations / working materials must comply with the technological safety standards.
Further information on stor- age conditions	:	Keep only in the original container in a cool, dry, well- ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.
Materials to avoid	:	No materials to be especially mentioned.
Recommended storage tem- perature	:	> 39 °F / > 4 °C
Further information on stor- age stability	:	PROTECT FROM FREEZING DURING THE COLD-SEASON (BELOW 40°F / 5°C).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Castor oil	8001-79-4	TWA (mist -	10 mg/m3	NIOSH REL
		total)		
		TWA (mist -	5 mg/m3	NIOSH REL
		respirable)	-	

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Carbo	on black		1333-86-4	TWA value (Inhalable fraction)	3 mg/m3	ACGIHTL	
				PEL	3.5 mg/m3	29 CFR 1910.100 (Table Z-	
				TWA value	3.5 mg/m3	29 CFR 1910.100 (Table Z-	
				REL value	0.1 mg/m3 (Polycyclic aro- matic hydrocar- bons (PAH))	NIOSH	
				TWA (Inhal- able particu- late matter)	3 mg/m3	ACGIH	
				TWA	3.5 mg/m3	NIOSH R	
				TWA	3.5 mg/m3	OSHA Z-	
				TWA TWA	3.5 mg/m3 0.1 mg/m3 (PAHs)	OSHA PO NIOSH R	
Engi	neering measures	:	: Ensure adequate ventilation.				
Respiratory protection		-	may be exce	eded.	spirator when exposi		
Hand							
	protection			тр р			
Re	emarks	:		istant protective	gloves. Manufacture ved because of grea		
		:	tions for use types.	istant protective should be obser	gloves. Manufacture	t diversity of	
Eye p	emarks	::	tions for use types. Wear safety	istant protective should be obser glasses with side on must be chos	gloves. Manufacture ved because of grea	t diversity of	
Eye p Skin a	emarks protection	::	tions for use types. Wear safety Body protect and exposure Do not inhale Avoid contac Avoid exposu Handle in act and safety pr	istant protective should be obser glasses with side on must be chose on must be chose on must be chose on must be chose on must be chose on must be chose on mu	gloves. Manufacture ved because of grea e shields or goggles. sen based on level o	at diversity of of activity re use. is hygiene	

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SEC	TION 9	. PHYSICAL AND CH	EMIC		6
1	Appearance		:	liquid	
(Color		:	various colours	
(Odor		:	slight odour, oily	
(Odor T	hreshold	:	not determined	
F	pН		:	neutral to slightly	alkaline
ſ	Melting	point	:	No data available	9
I	Boiling	point/boiling range	:	Not applicable	
I	Flash p	point	:	200.01 °F / 93.34	₽°C
I	Evapor	ation rate	:	No data available	9
I	Flamm	ability (liquids)	:	not highly flamma	able
\$	Self-igr	nition	:	not self-igniting	
		explosion limit / Upper ability limit	:	No data available	9
		explosion limit / Lower ability limit	:	No data available	9
Ň	Vapor p	oressure	:	approx. 1 hPa (6	8 °F / 20 °C)
I	Relativ	e vapor density	:	No data available	9
I	Relativ	e density	:	No data available	9
ĺ	Density	/	:	approx. 0.97 g/cr	n3 (68 °F / 20 °C)
\$	Solubili Wat	ity(ies) ter solubility	:	insoluble (68 °F	/ 20 °C)
	Solu	ubility in other solvents	:	No data available	9
	Partitio octanol	n coefficient: n- I/water	:	not applicable for	r mixtures
,	Autoigr	nition temperature	:	No data available	9

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	Decomposition temperature Viscosity Viscosity, dynamic Viscosity, kinematic		:	No decompositio scribed/indicated	n if stored and handled as pre-			
			:	: No data available				
			:	No data available	9			
	Explosive properties		:	Not explosive				
	Oxidizing properties		:	Based on its structural properties the product is not classi as oxidizing.				
	Sublim	ation point	:	No data available				
	Molecular weight		:	No data available				
	Metal corrosion rate		:	No corrosive effect on metal.				
SEC	TION 1	0. STABILITY AND RI	EAC	ΤΙVITY				
	Reactiv	vity	:	No hazardous re scribed/indicated	actions if stored and handled as pre-			
	Chemical stability		:	The product is stable if stored and handled as pre- scribed/indicated.				
	Possib tions	ility of hazardous reac-	:	Stable under recommended storage conditions. No hazards to be specially mentioned.				
	Conditi	ons to avoid	:	See SDS section 7 - Handling and storage.				
	Incompatible materials		:	Strong acids Strong bases Strong oxidizing Strong reducing				
	Hazarc produc	lous decomposition ts	:	No hazardous de as prescribed/inc	composition products if stored and handled licated.			

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

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Resp	iratory or skin sensiti	zatio	on		
Skin	sensitization				
Not c	lassified based on avai	lable	information.		
Resp	iratory sensitization				
Not c	lassified based on avail	lable	information.		
Gern	n cell mutagenicity				
Not c	lassified based on avail	lable	information.		
Carc	inogenicity				
Not c IARC	lassified based on avail Group 2B: P Carbon blac	ossil	information. bly carcinogenic	o humans 1333-86-4	
	Carbon blad	IX.			
Repr	oductive toxicity				
Not c	lassified based on avai	lable	information.		
STO	F-single exposure				
Not c	lassified based on avai	lable	information.		
STOT-repeated exposure					
Not c	lassified based on avail	lable	information.		
Aspi	ration toxicity				
Not c	lassified based on avail	lable	information.		
Furth	ner information				
Prod	uct:				
Rema	arks	:	The product ha	are not known or expected under normal use. s not been tested. The statements on toxicolo- erived from the properties of the individual	
ECTION	12. ECOLOGICAL INF	ORI	MATION		
Ecot	oxicity				
Prod	uct:				
Ecot	oxicology Assessmen	nt			
	e aquatic toxicity	:	This product ha	s no known ecotoxicological effects.	
Chro	nic aquatic toxicity	:	This product ha	s no known ecotoxicological effects.	
	istence and degradab	ility			

Bioaccumulative potential

Product:

Bioaccumulation

Remarks: No data available. Discharge into the environment must be avoided.

:

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	ity in soil		
	ta available • adverse effects		
Produ	<u>uct:</u>		
Additi matio	onal ecological infor- n	The product has	e product into the environment without control. s not been tested. The statements on ecotoxi- en derived from the properties of the individual

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	Dispose of in accordance with national, state and local regula- tions. Do not discharge into drains/surface waters/groundwater. Do not contaminate ponds, waterways or ditches with chemi- cal or used container.
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

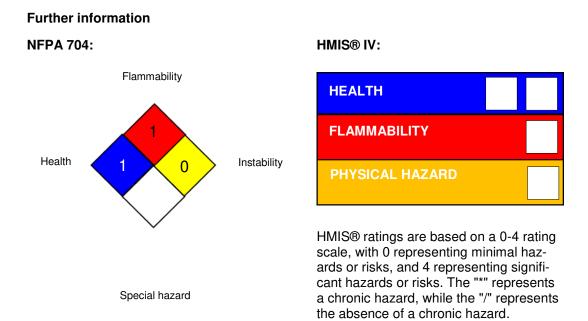
Special precautions for user Not applicable

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SECTION	15. REGULATORY I	NFORMATION	
US S	tate Regulations		
Penn	sylvania Right To K	now	
	Castor oil		8001-79-4
	aluminium oxide		1344-28-1
New	Jersey Right To Kno	w	
	Castor oil		8001-79-4
	Carbon black		1333-86-4
Califo	ornia Prop. 65		
know		ornia to cause cancer.	nicals including Carbon black, which is/are For more information go to
The i	ngredients of this p	roduct are reported ir	n the following inventories:

The ingredients of this product are reported in the following inventories.			
TSCA	: All substances listed as active on the TSCA inventory		
DSL	: All components of this product are on the Canadian DSI	_	

SECTION 16. OTHER INFORMATION



Full text of other abbreviations

29 CFR 1910.1000 (Table Z- 1-A)	:	OSHA - Table Z-1-A (29 CFR 1910.1000)
29 ĆFR 1910.1000 (Table Z- 1)		OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)

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ACGIHTLV		:	American Conference of Governmental Industrial Hygienists threshold limit values (US)		
NIOSH NIOSH REL OSHA P0			NIOSH Pocket Guide to Chemical Hazards (US) USA. NIOSH Recommended Exposure Limits USA. OSHA - TABLE Z-1 Limits for Air Contaminants -		
OSHA Z-1			1910.1000 USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants		
29 CFR 1910.1000 (Table Z- 1-A) / TWA value 29 CFR 1910.1000 (Table Z-			Ū		
1) / PEL ACGIH / TWA ACGIHTLV / TWA value		:	8-hour, time-weig Time Weighted A	verage (TWA):	
NIOSH / REL value NIOSH REL / TWA		:	Recommended exposure limit (REL): Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek		
	x P0 / TWA x Z-1 / TWA		8-hour time weigh 8-hour time weigh	•	

AIIC - Australian Inventory of Industrial Chemicals; 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; TECI - Thailand Existing Chemicals 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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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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