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SECTION	1. IDENTIFICATION						
Produ	uct name	: Ucrete PT3 H	F60RT US				
Product code		: 0000000005	00000000050001958 00000000050001958				
Manu	ufacturer or supplier's	details					
Com	pany name of supplier	: Master Builde US, LLC	rs-Construction Systems				
Addre	ess	: 23700 CHAG Beachwood C					
Emer	gency telephone	: ChemTel: +1-	813-248-0585				
Reco	mmended use of the o	chemical and restr	ictions on use				
Reco	mmended use	: floor coating					
Restr	ictions on use	: Reserved for	industrial and professional use.				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accord Skin irritation	dan :	ce with 29 CFR 1910.1200 Category 2
Serious eye damage	:	Category 1
Carcinogenicity (Inhalation)	:	Category 1A
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)
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		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H315 Causes skin irritation. H318 Causes serious eye damage.

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		H350 May cause H372 Causes of repeated expose H373 May cause	se respiratory irritation. se cancer by inhalation. damage to organs (Lungs) through prolonged or sure if inhaled. se damage to organs (Kidney, Immune system) ged or repeated exposure if inhaled.
Preca	utionary Statements	Prevention:	
		P202 Do not ha and understood P260 Do not br P264 Wash ski P270 Do not ea P271 Use only	eathe dust/ fume/ gas/ mist/ vapours/ spray. n thoroughly after handling. at, drink or smoke when using this product. outdoors or in a well-ventilated area. tective gloves/ protective clothing/ eye protection
		Response:	
		P304 + P340 + and keep comf doctor if you fe P305 + P351 + water for sever and easy to do CENTER/ doct P308 + P313 If attention. P332 + P313 If tion.	P338 + P310 IF IN EYES: Rinse cautiously with al minutes. Remove contact lenses, if present . Continue rinsing. Immediately call a POISON
		Storage:	
		P403 + P233 S tightly closed. P405 Store loc	tore in a well-ventilated place. Keep container ked up.
		Disposal:	
		P501 Dispose posal plant.	of contents/ container to an approved waste dis-
Other	hazards		
	nbination with water, re burns.	epeated or prolonged	dermal exposure can cause moderate to severe

Chemical nature

: modified cement mortar

Components

Chemical name	CAS-No.	Concentration (% w/w)
crystalline silica	14808-60-7	>= 70 - < 90

SAFETY DATA SHEET

Ucrete PT3 HF60RT US

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	ent, portland, chemicals um dihydroxide		65997-15-1 1305-62-0		>= 10 - < 20
	al concentration is withhe	eld a			2-1 (0
ECTION	4. FIRST AID MEASUR	ES			
Gene	ral advice	:	First aid personnel Remove contamin		uld pay attention to their own safety. clothing.
lf inh:	aled	:	After inhalation of Keep patient calm If difficulties occur: Seek medical atte	, rem	ove to fresh air.
In ca	se of skin contact	:	and soap. Under no circumst	ance	wash immediately with plenty of water as should organic solvent be used. bek medical attention.
In ca	se of eye contact	:	to 20 minutes. Rer minutes, then cont	nove inue	se slowly and gently with water for 15 contact lenses, if present, after first 5 rinsing. consult a specialist.
lf swa	allowed	:	seek medical atter	ntion.	th and then drink 200-300 ml of water, unless told to by a poison control cen-
	important symptoms ffects, both acute and ed	:	Causes skin irritati Causes serious ey May cause respira May cause cancer Causes damage to exposure if inhaled	re da tory by ir o org	irritation.
Notes	s to physician	:	Treat symptomatic	ally.	
ECTION	5. FIRE-FIGHTING ME	ASL	JRES		
Suita	ble 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	:	Product is not combustible or explosive. Exposure to decomposition products may be a hazard to

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	Hazard ucts	ous combustion prod-	:	health. harmful vapours	
	Further	information	:	surrounding areas The degree of risk the fire conditions Dispose of fire de	on-combustible; fire extinguishing method of s must be considered. t is governed by the burning substance and bris and contaminated extinguishing water in official regulations.
	Special for fire-	protective equipment fighters	:	Wear self-contain protective clothing	ed breathing apparatus and chemical- J.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer- gency procedures	Avoid dust formation. Do not inhale dusts. Use personal protective equipment. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.
Environmental precautions :	Do not discharge into drains/surface waters/groundwater.
Methods and materials for : containment and cleaning up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Rinse with plenty of water. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	No special precautions necessary.
Advice on safe handling	:	Avoid dust formation. Do NOT breathe dust because it is hazardous to respiratory system. Avoid contact with skin and eyes. Breathing must be protected when large quantities are de- canted without local exhaust ventilation. The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irrita- tion of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. Pour downwind and allow as little free fall as possible while emptying bags into equipment.
Further information on stor- age conditions	:	Containers should be stored tightly sealed in a dry place.

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Mater	ials to avoid	Segregate from	n metals. n acids and bases.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
crystalline silica	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
		REL value (Respirable dust)	0.05 mg/m3	NIOSH
		TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
		OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
		TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1
		TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH
		PEL (respir- able)	0.05 mg/m3	OSHA CARC
		TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
Cement, portland, chemicals	65997-15-1	TWA value (Respirable fraction)	1 mg/m3	ACGIHTLV
		REL value (Total)	10 mg/m3	NIOSH
		REL value (Respirable)	5 mg/m3	NIOSH
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (Respir-	5 mg/m3	29 CFR

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			able fraction)		1910.100 (Table Z-2	
			TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1	
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1	
			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	ÂCGIH	
			TWA (Res- pirable)	5 mg/m3	NIOSH RE	
			TWA (total)	10 mg/m3	NIOSH RE	
			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	
Calciu	um dihydroxide	1305-62-0	TWA	5 mg/m3	ACGIH	
			TWA	5 mg/m3	NIOSH RI	
			TWA (total dust)	15 mg/m3	OSHA Z-1	
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1	
Engir	neering measures	: Provide local P.E.L.	TWA exhaust ventilati	5 mg/m3 on to maintain recom	OSHA PO	
Porso	onal protective equipr	nent				
	ratory protection	: Wear the follo may be excee	eded:	protection if exposur quivalent) particulate		
Hand	protection					
Re	emarks			gloves Manufacturer' /ed because of great		
Eye p	rotection	: Tightly fitting	safety goggles (chemical goggles).		
Skin c	and body protection	De la contract		en based on level of	41	

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		and exposure.	
Prote	ctive measures	Avoid inhalatio In order to prev working clothe	vent contamination while handling, closed s and working gloves should be used. ordance with good building materials hygiene
Hygie	ene measures	Hands and/or the the end of the At the end of th care agents ap Gloves must b Replace if nec Remove conta	he shift the skin should be cleaned and skin-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	granules-powder mixture
Color	:	white to grey-brown
Odor	:	faint, earthy
Odor Threshold	:	Not determined due to potential health hazard by inhalation.
рН	:	Not applicable
Melting point	:	No data available
Boiling point/boiling range	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Self-ignition	:	not self-igniting
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 as 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 as long as the product is used appropriately and in accordance with the intended use.

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9	:	Not applicable	
density	:	Not applicable	
	:	No data available)
	:	1,900 kg/m3 (68	°F / 20 °C)
bility	:	insoluble	
other solvents	:	No data available	9
cient: n-	:	Not applicable	
temperature	:		n if stored and handled as pre-
ynamic	:	Not applicable	
inematic	:	Not applicable	
erties	:	Not explosive	
erties	:	No data available)
int	:	No data available	9
ht	:	No data available	9
class	:	none	
n rate	:	Not corrosive to	netals.
	on Date: 2021 a density bility other solvents cient: n- temperature ynamic inematic erties erties erties int ght class in rate	2021960e:density:density:i:bility:other solvents:other solvents:cient: n-:other solvents:other solvents: <td>202196000009321e:Not applicabledensity:Not applicabledensity:Not applicable:No data available:1,900 kg/m3 (68other solvents:No data availableother solvents:Not applicableother solvents:Not ata availableother solvents:No data availableother solven</td>	202196000009321e:Not applicabledensity:Not applicabledensity:Not applicable:No data available:1,900 kg/m3 (68other solvents:No data availableother solvents:Not applicableother solvents:Not ata availableother solvents:No data availableother solven

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	:	Strong bases are formed on the addition of water. The product is stable if stored and handled as pre- scribed/indicated.
Conditions to avoid	:	Avoid dust formation. Avoid humidity.
Incompatible materials	:	Strong bases Strong acids

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Hazaı	rdous decomposition	: No hazardous	decomposition products if stored and handled indicated.
produ	cts	as prescribed/	

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 by inhalation.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory tract irritation.

STOT-repeated exposure

Causes damage to organs (Lung) through prolonged or repeated exposure if inhaled. May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Product:

Skin contact

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

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Furth	ner information					
Prod	uct:					
	Remarks		: Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicolo- gy have been derived from the properties of the individual components.			
ECTION	12. ECOLOGICAL INF	ORI	IATION			
Ecot	oxicity					
<u>Prod</u>	uct:					
Ecot	oxicology Assessment	t				
Acute	e aquatic toxicity	:	This product has	no known ecotoxicological effects.		
Chro	nic aquatic toxicity	:	This product has	no known ecotoxicological effects.		
Persi	istence and degradabil	lity				
Prod	uct:					
	egradability	:	Remarks: Not ap	plicable for inorganic substances.		
Bioa	ccumulative potential					
Prod	uct:					
Bioad	ccumulation	:		oduct will not be readily bioavailable due to nd insolubility in water.		
Mobi	lity in soil					
Prod	uct:					
Distri	bution among environ- al compartments	:	particles is proba is not expected.	ing exposure to soil, adsorption to solid soil ble, therefore contamination of groundwate vill not evaporate into the atmosphere from e.		
Othe	r adverse effects					
Prod	uct:					
	ional ecological infor-	:	The product has	e product into the environment without controned not been tested. The statements on ecotox n derived from the properties of the individu		

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SECTION	13. DISPOSAL CON	SIDE	ATIONS	
SECTION	13. DISPUSAL CON	SIDER	ATIONS	
Disp	osal methods			
Wast	e from residues	:		ccordance with local authority regulations. ge into drains/surface waters/groundwater.
Conta	aminated packaging	:		nptied packagings can be given for recycling. not be cleaned should be disposed of in the

same manner as the contents.

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

SECTION 15. REGULATORY INFORMATION

Calcium dihydroxide

US State Regulations

Pennsylvania Right To Know

crystalline silica	14808-60-7
Cement, portland, chemicals	65997-15-1
Calcium dihydroxide	1305-62-0
v Jersey Right To Know	
crystalline silica	14808-60-7
Cement, portland, chemicals	65997-15-1

65997-15-

California Prop. 65

WARNING: This product can expose you to chemicals including crystalline silica, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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

TSCA	:	All substances listed as active on the TSCA inventory
DOI		

DSL

New

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SECTION 16. OTHER INFORMATION

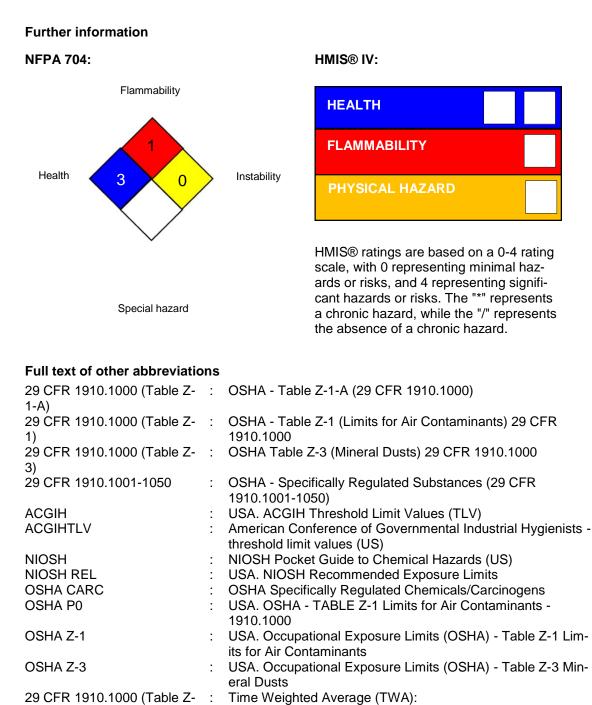
1-A) / TWA value

3) / TWA value

1) / PEL

29 CFR 1910.1000 (Table Z- :

29 CFR 1910.1000 (Table Z- :



Permissible exposure limit

Time Weighted Average (TWA):

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	R 1910.1001-1050 / Action level	:	OSHA Action leve	el:	
29 CF TWA v	R 1910.1001-1050 / ⁄alue	:	: Time Weighted Average (TWA):		
ACGIH / TWA		: 8-hour, time-weighted average			
ACGIHTLV / TWA value		: Time Weighted Average (TWA):			
NIOSH / REL value		: Recommended exposure limit (REL):			
NIOSH REL / TWA		:	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek		
OSHA	CARC / PEL	:	: Permissible exposure limit (PEL)		
OSHA	P0 / TWA	:	8-hour time weigh	nted average	
OSHA	Z-1 / TWA	:	8-hour time weigh	nted average	
OSHA	Z-3 / TWA	:	8-hour time weigh	nted 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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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in

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a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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