Version 1.0	Revision Date: 07/16/2020		DS Number: 00000260733	Date of last issue: - Date of first issue: 07/16/2020	
SECTION	1. IDENTIFICATION				
Prod	luct name	:	MasterProtect HE	3 400 FN Pas TB	
Proc	Product code		00000000051716116 00000000051716116		
Manufacturer or supplier's details					
Company name of supplier		:	Master Builders-Construction Systems US, LLC		
Address		:	23700 CHAGRIN BLVD Beachwood OH 44122		
Eme	Emergency telephone		ChemTel: +1-813-248-0585		
Recommended use of the			nical and restricti	ons on use	
Recommended use		:	Product for construction chemicals		
Restrictions on use		:	Reserved for industrial and professional use.		

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Carcinogenicity (Inhalation)	:	1A
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	1
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	2 (Kidney, Immune system)
Short-term (acute) aquatic hazard	:	3
Long-term (chronic) aquatic hazard	:	3
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

Version 1.0	Revision Date: 07/16/2020	SDS Number: 000000260733	Date of last issue: - Date of first issue: 07/16/2020		
		peated exposu H402 Harmful			
Preca	autionary Statements	[:] Prevention:			
		face protection P201 Obtain sp P260 Do not be P202 Do not ha and understood P273 Avoid rel P270 Do not ea	 P280 Wear protective gloves/ protective clothing/ eye protection face protection. P201 Obtain special instructions before use. P260 Do not breathe dust or mist. P202 Do not handle until all safety precautions have been read and understood. P273 Avoid release to the environment. P270 Do not eat, drink or smoke when using this product. P264 Wash face, hands and any exposed skin thoroughly after handling. 		
		Response:			
			ical advice/ attention if you feel unwell. F exposed or concerned: Call a POISON or.		
		Storage:			
		P405 Store loc	ked up.		
		Disposal:			
		P501 Dispose waste collectio	of contents/container to appropriate hazardous n point.		
Othe	r hazards				
	known.				
SECTION	3. COMPOSITION/IN	FORMATION ON ING	REDIENTS		
Chem	nical nature	: No data availal	ble.		

Components

Chemical name	CAS-No.	Concentration (% w/w)
Limestone	1317-65-3	>= 15 - < 25
Quartz (SiO2)	14808-60-7	>= 15 - < 20
Titanium dioxide	13463-67-7	>= 7 - < 10
ethyleneglycol	107-21-1	>= 1 - < 3
Poly(oxy-1,2-ethanediyl), .alpha [(1,1,3,3-tetramethylbutyl)phenyl]- .omegahydroxy-	9036-19-5	>= 0 - < 0.2
diuron	330-54-1	>= 0 - < 0.1
3-iodo-2-propynyl butylcarbamate; 3- iodoprop-2-yn-1-yl butylcarbamate	55406-53-6	>= 0 - < 0.1

SECTION 4. FIRST AID MEASURES

General advice

: Move out of dangerous area.

Version 1.0	Revision Date: 07/16/2020	SDS Number: 000000260733	Date of last issue: - Date of first issue: 07/16/2020
		ance.	terial safety data sheet to the doctor in attend-
lf in	haled		sician after significant exposure. s, place in recovery position and seek medical
In c	ase of skin contact	and soap. Under no circi	with skin, wash immediately with plenty of water umstances should organic solvent be used. velops, seek medical attention.
In c	ase of eye contact	Remove conta Protect unhar Keep eye wid	
lf sv	vallowed	Never give an If symptoms p Take victim in	ilk or alcoholic beverages. ything by mouth to an unconscious person. persist, call a physician. nmediately to hospital. accidentally, do not induce vomiting, get medical
and	effects, both acute and ayed	exposure if inl	ge to organs through prolonged or repeated
Not	es to physician	: Treat symptor	natically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam Water spray Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume 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-

Version 1.0	Revision Date: 07/16/2020		0S Number: 0000260733	Date of last issue: - Date of first issue: 07/16/2020
for fire-fighters			essary.	
SECTION	6. ACCIDENTAL RELE	AS	EMEASURES	
tive e	onal precautions, protec- quipment and emer- / procedures	:	Use personal pro Ensure adequate	otective equipment. e ventilation.
Envire	Environmental precautions		Prevent further le	from entering drains. eakage or spillage if safe to do so. ntaminates rivers and lakes or drains inform rities.
	Methods and materials for containment and cleaning up		acid binder, univ	rt absorbent material (e.g. sand, silica gel, ersal binder, sawdust). closed containers for disposal.
SECTION	7. HANDLING AND ST	OR	AGE	
	e on protection against nd explosion	:	Product is not ex	plosive.
			Normal measure	s for preventive fire protection.
Advic	e on safe handling	:	Avoid contact with For personal pro Smoking, eating plication area. Provide sufficien	apors/dust. · obtain special instructions before use.
Cond	itions for safe storage	:	 Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed a kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply wit the technological safety standards. 	
	er information on stor- onditions	:	Keep only in the original container in a cool, dry, well- ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.	
Mater	rials to avoid	:	Observe VCI sto	rage rules.
	er information on stor- tability	:	No decompositio	n if stored and applied as directed.

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/16/2020	00000260733	Date of first issue: 07/16/2020

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis
		exposure)	concentration	
ethyleneglycol	107-21-1	TWA value (Vapor frac- tion)	25 ppm	ACGIHTLV
		STEL value (Vapor frac- tion)	50 ppm	ACGIHTLV
		STEL value (Aerosol, inhalable.)	10 mg/m3	ACGIHTLV
		TWA (Vapor)	25 ppm	ACGIH
		STEL (Va-	50 ppm	ACGIH
		STEL (Inhal- able fraction, Aerosol only)	10 mg/m3	ACGIH
		C	50 ppm 125 mg/m3	OSHA P0
diuron	330-54-1	TWA value	10 mg/m3	ACGIHTLV
		REL value	10 mg/m3	NIOSH
		TWA value	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	10 mg/m3	ACGIH
		TWA	10 mg/m3	NIOSH REL
		TWA	10 mg/m3	OSHA P0
Limestone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 mg/m3	NIOSH
		PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (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-A)
		TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
		TWA (Total	15 mg/m3	OSHA P0

sion	Revision Date: 07/16/2020	SDS Number: 000000260733	Date of las Date of firs	t issue: - t issue: 07/16/2020	
		I	dust)	I	1
			TWA (respir-	5 mg/m3	OSHA P0
			able dust	5 mg/m5	USHA FU
			fraction)		
			/	5 mg/m2	NIOSH RE
			TWA (Res-	5 mg/m3	
			pirable)	(Calcium car-	
				bonate)	
			TWA (total)	10 mg/m3	NIOSH RE
				(Calcium car-	
				bonate)	
Titani	ium dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTLV
			PEL (Total	15 mg/m3	29 CFR
			dust)		1910.1000
					(Table Z-1)
			TWA value	10 mg/m3	29 CFR
			(Total dust)		1910.1000
					(Table Z-1-
			TWA (total	15 mg/m3	OSHA Z-1
			dust)		
			TWA (Total	10 mg/m3	OSHA P0
			dust)	_	
			TWA	10 mg/m3	ACGIH
				(Titanium dioxide)	
Quart	tz (SiO2)	14808-60-7	TWA value	0.025 mg/m3	ACGIHTLV
	()		(Respirable	J J	
			fraction)		
			REL value	0.05 mg/m3	NIOSH
			(Respirable	0100g,o	
			dust)		
			TWA value	0.05 mg/m3	29 CFR
				(Respirable dust)	1910.1001-
					1050
			OSHA Action	0.025 mg/m3	29 CFR
			level	(Respirable dust)	1910.1001-
					1050
			TWA (Res-	0.05 mg/m3	OSHA Z-1
			pirable dust)	5.00 mg/m0	
			TWA (respir-	10 mg/m3 /	OSHA Z-3
			able)	%SiO2+2	
			TWA (respir-	250 mppcf /	OSHA Z-3
			able)	%SiO2+5	
			TWA (respir-	0.1 mg/m3	OSHA P0
			able dust	0.1 119/113	
			fraction)		
				0.025 ma/m2	
			TWA (Res-	0.025 mg/m3	ACGIH
			pirable par-	(Silica)	
			ticulate mat-		
			ter)	0.05 mm/20	
			PEL (respir-	0.05 mg/m3	OSHA CAR
			able)		
			TWA (Res-	0.05 mg/m3	NIOSH REI
			pirable dust)	(Silica)	1

Engineering measures : No applicable information available.

Version 1.0	Revision Date: 07/16/2020		S Number: 000260733	Date of last issue: - Date of first issue: 07/16/2020	
Perso	onal protective equip	ment			
Resp	iratory protection		Wear a NIOSH sary.	-certified (or equivalent) respirator as neces-	
Hand	protection				
Re	Remarks :		The suitability for a specific workplace should be discussed with the producers of the protective gloves.		
Eye p	Eye protection :		Eye wash bottle with pure water Tightly fitting safety goggles		
Skin a	Skin and body protection :		Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.		
Prote	Protective measures :		Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygien and safety practice. Wearing of closed work clothing is recommended.		
Hygie	Hygiene measures :		When using do	not eat or drink. not smoke. efore breaks and at the end of workday.	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	pigmented
рН	:	9.5 - 10
Boiling point	:	379.00 - 401.00 °F / 192.78 - 205.00 °C
Flash point	:	200.01 °F / 93.34 °C
Evaporation rate	:	No applicable information available.
Flammability (solid, gas)	:	not highly flammable Method: derived from flash point
Upper explosion limit / Upper flammability limit	:	15.3 %(V)
Lower explosion limit / Lower flammability limit	:	3.2 %(V)

SAFETY DATA SHEET

MasterProtect HB 400 FN Pas TB

Vers 1.0	sion	Revision Date: 07/16/2020	-	S Number: 0000260733	Date of last issue: - Date of first issue: 07/16/2020	
	Vapor pressure		:	No applicable information available.		
	Relativ	e vapor density	:	Heavier than air.		
	Relative density		:	No applicable information available.		
	Density	/	:	1.57 - 1.70 g/cm3 (68 °F / 20 °C)		
	Solubili Wat	ity(ies) er solubility	:	partly soluble		
	Solu	ubility in other solvents	:	No applicable inf	ormation available.	
	Partitio octanol	n coefficient: n- /water	:	No data available).	
	Autoignition temperature		:	No data available)	
	Decomposition temperature		:	No decompositio scribed/indicated	n if stored and handled as pre-	
	Viscosi Visc	ty cosity, dynamic	:	No applicable inf	ormation available.	
	Visc	cosity, kinematic	:	No applicable inf	ormation available.	
	Explosi	ve properties	:	Not explosive Not explosive		
	Oxidizii	ng properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified	
	Sublim	ation point	:	No applicable inf	ormation available.	
	Molecu	lar weight	:	No data available		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
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 acids Strong bases Strong oxidizing agents Strong reducing agents

ersion 0	Revision Date: 07/16/2020		OS Number: 0000260733	Date of last issue: - Date of first issue: 07/16/2020	
Haza prod	ardous decomposition ucts	:	No hazardous as prescribed,	decomposition products if stored and handled /indicated.	
	N 11. TOXICOLOGICAL	INFO	ORMATION		
	te toxicity classified based on avail	able	information.		
	<u>luct:</u> e oral toxicity	:	Remarks: No a	applicable information available.	
Acut	e inhalation toxicity	:	Remarks: No a	applicable information available.	
Acut	e dermal toxicity	:	Remarks: No a	applicable information available.	
-	corrosion/irritation	able	information.		
Serious eye damage/eye irritation Not classified based on available information.					
Respiratory or skin sensitization					
Skin sensitization Not classified based on available information. Respiratory sensitization Not classified based on available information. Germ cell mutagenicity Not classified based on available information.					
	cinogenicity cause cancer.				
-	roductive toxicity classified based on avail	able	information.		
	T-single exposure classified based on avail	able	information.		
STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure if inhaled. May cause damage to organs through prolonged or repeated exposure.					
-	iration toxicity classified based on avail	able	information.		
Furt	her information				
	<mark>luct:</mark> iarks	:	The product had derived from the transformed from transformed from the transformed from tran	as not been tested. The statement has been	

Version 1.0	Revision Date: 07/16/2020		OS Number: 0000260733	Date of last issue: - Date of first issue: 07/16/2020			
SECTIO	ON 12. ECOLOGICAL INF	ORI	MATION				
Ec	Ecotoxicity						
Pr	oduct:						
	Ecotoxicology Assessment Acute aquatic toxicity		Harmful to aquation	c life.			
Ch	ronic aquatic toxicity	:	Harmful to aquation	c life with long lasting effects.			
Pe	Persistence and degradability						
<u>Cc</u>	emponents:						
	Poly(oxy-1,2-ethanediyl), .a		aerobic Inoculum: activate Result: Readily bi Biodegradation: S Exposure time: 28	90 %			
Bie	Bioaccumulative potential						
<u>Cc</u>	Components:						
Pa	iartz (SiO2): rtition coefficient: n- tanol/water	:	Remarks: not app	licable			
Pa	anium dioxide: rtition coefficient: n- tanol/water	:	Remarks: not app	licable			
ett	nyleneglycol:						
Pa	rtition coefficient: n- tanol/water	:	Method: Calculati GLP: no data	-1.36 (73 °F / 23 °C) on Hansch/Leo ation taken from reference works and the			
Ро	ly(oxy-1,2-ethanediyl), .a	lpha	a[(1,1,3,3-tetrame	ethylbutyl)phenyl]omegahydroxy-:			
	paccumulation	:		ulation in organisms is not to be expected.			
3-i	odo-2-propynyl butylcark	bam	ate: 3-iodoprop-2-	-vn-1-vl butylcarbamate:			
Pa	rtition coefficient: n- tanol/water	:	log Pow: 2.81 (77				

Version 1.0	Revision Date: 07/16/2020	SDS Number: 000000260733	Date of last issue: - Date of first issue: 07/16/2020
No da Other <u>Produ</u>	onal ecological infor-	An environmenta	enter soil, waterways or waste water channels. al hazard cannot be excluded in the event of andling or disposal.
		Harmful to aquat	tic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with national, state and local regulations. 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

SECTION 15. REGULATORY INFORMATION

SARA 313

: The following components are subject to reporting levels established by SARA Title III, Section 313:

Version 1.0	Revision Date: 07/16/2020	SDS Number: 000000260733	Date of last issue: - Date of first issue: 0	07/16/2020					
		ethyleneglycol	107-21-1						
US Sta	US State Regulations								
Penns	ylvania Right To Kno	w							
	ethyleneglycol Limestone Titanium dioxide Quartz (SiO2) ethylene oxide propylene oxide 1,4-dioxane carbon black			107-21-1 1317-65-3 13463-67-7 14808-60-7 75-21-8 75-56-9 123-91-1 1333-86-4					
New J	ersey Right To Know								
	107-21-1 1317-65-3 13463-67-7 14808-60-7 64742-52-5								

California Prop. 65

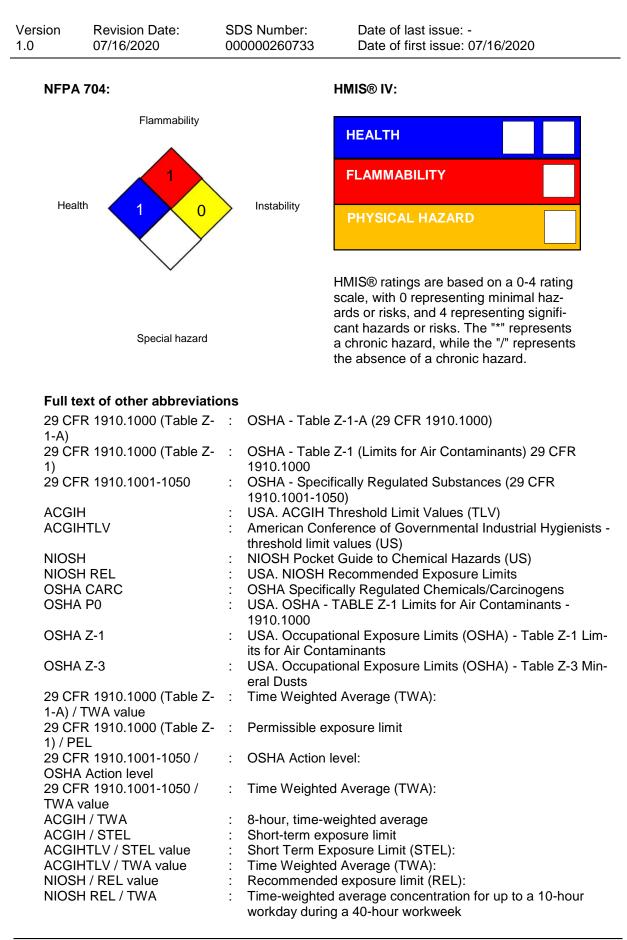
WARNING: This product can expose you to chemicals including ethylene oxide, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

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



Version	Revision Date: 07/16/2020	SDS Number:	Date of last issue: -
1.0		000000260733	Date of first issue: 07/16/2020
OSHA OSHA OSHA	A CARC / PEL A P0 / TWA A P0 / C A Z-1 / TWA A Z-3 / TWA	: Permissible ex : 8-hour time w : Ceiling limit : 8-hour time w : 8-hour time w	eighted 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

Revision Date

: 07/16/2020

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 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.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/16/2020	00000260733	Date of first issue: 07/16/2020

PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

US / EN