Version 1.0	Revision Date: 09/22/2020		S Number: 0000260306	Date of last issue: - Date of first issue: 09/22/2020
SECTIO	N 1. IDENTIFICATION			
Pro	duct name	:	MasterProtect P 2	200
Pro	duct code	:	00000000005166	2851 00000000051662851
Ма	nufacturer or supplier's	detai	ils	
Cor	npany name of supplier	:	Master Builders-0 US, LLC	Construction Systems
Add	ress	:	23700 CHAGRIN Beachwood OH 4	
Em	ergency telephone	:	ChemTel: +1-813	-248-0585
Rec	ommended use of the	chem	ical and restriction	ons on use
Rec	ommended use	:	Product for const	ruction chemicals
Res	trictions on use	:	Reserved for indu	ustrial and professional use.

## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with 29 CFR 1910.1200

FLAMMABLE LIQUIDS	:	Category 4
Germ cell mutagenicity	:	Category 1B
Carcinogenicity	:	Category 1B
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 1 (Lung)
Short-term (acute) aquatic hazard	:	Category 3
Long-term (chronic) aquatic hazard	:	Category 3
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H227 Combustible liquid. H350 May cause cancer. H340 May cause genetic defects.
		4 / 4 <del>7</del>

/ersion .0	Revision Date: 09/22/2020	SDS Number: 000000260306	Date of last issue: - Date of first issue: 09/22/2020
		repeated expos H402 Harmful t	
Preca	autionary Statements	Prevention:	
		face protection. P201 Obtain sp P260 Do not br P202 Do not ha and understood P210 Keep awa and other ignitic P273 Avoid rela P270 Do not ea	pecial instructions before use. eathe dust or mist. andle until all safety precautions have been read
		P308 + P311 IF CENTER/ docto P370 + P378 Ir	cal advice/ attention if you feel unwell. <sup>-</sup> exposed or concerned: Call a POISON or. h case of fire: Use water spray, alcohol-resistant hical or carbon dioxide to extinguish.
		Storage: P405 Store locl	-
		Disposal:	
		P501 Dispose of waste collection	of contents/container to appropriate hazardous
	r hazards		
No da	ata available.		

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: No data available.

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum), light distillate	68410-97-9	>= 7 - < 10
hydrotreating process, low-boiling;		
Low boiling point hydrogen treated		
naphtha; [A complex combination of		
hydrocarbons obtained by the distilla-		
tion of products from the light distil-		
late hydrotreating process. It consists		
of hydrocarbons having carbon num-		
bers predominantly in the range of C6		
through C9 and boiling in the range		

ersion 0	Revision Date: 09/22/2020	SDS Number: 000000260306	Date of last issue: - Date of first issue: 09/22/2020
of and	proximately 3 o C to 1	94 o C (37	
	382 oF).]	0 0 0 0	
Limes	stone	1317-65-3	>= 0 - < 10
Titani	um dioxide	13463-67-7	7 >= 3 - < 5
Quart	z (SiO2)	14808-60-7	/ >= 3 - < 5
zinc o	oxide	1314-13-2	>= 1 - < 3
isothia	re of: 5-chloro-2-meth azol-3-one and 2-met azol-3-one (3:1)		) >= 0 - < 50 PPN
ECTION	4. FIRST AID MEAS	JRES	

General advice	:	Move out of dangerous area. Show this material safety data sheet to the doctor in attend- ance. Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	:	May cause genetic defects. May cause cancer. Causes damage to organs through prolonged or repeated exposure if inhaled.
Notes to physician	:	Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

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

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	Specifi fighting	c hazards during fire	:	courses.	off from fire fighting to enter drains or water
Further information		:	must not be disch Fire residues and be disposed of in For safety reason rately in closed co	contaminated fire extinguishing water must accordance with local regulations. s in case of fire, cans should be stored sepa-	
	•	protective equipment fighters	:	Wear self-contain essary.	ed breathing apparatus for firefighting if nec-

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Product is not explosive.
		Do not spray on a naked flame or any incandescent material. Keep away from open flames, hot surfaces and sources of ignition.
Advice on safe handling	:	Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	:	no smoking

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			Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply wi the technological safety standards.		
	er information on stor- conditions	:		original container in a cool, dry, well- way from ignition sources, heat or flame. ct sunlight.	
Mate	rials to avoid	:	Observe VCI stor	age rules.	
	er information on stor- tability	:	No data available		

## 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
zinc oxide	1314-13-2	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLV
		STEL value (Respirable fraction)	10 mg/m3	ACGIHTLV
		REL value (fumes/smok e)	5 mg/m3	NIOSH
		REL value (dust)	5 mg/m3	NIOSH
		STEL value (fumes/smok e)	10 mg/m3	NIOSH
		Ceil_Time (dust)	15 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)
		PEL (fumes/smok e)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (fumes/smok e)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Respirable	5 mg/m3	29 CFR 1910.1000

ersion .0	Revision Date: 09/22/2020	SDS Number: 000000260306						
		I	fraction)	I	(Table Z-1-/			
			TWA value	10 mg/m3	29 CFR			
			(Total dust)	10 119/113	1910.1000			
			(Total dust)					
			STEL value	10 mg/m3	(Table Z-1-/ 29 CFR			
			(fumes/smok	10 119/113	1910.1000			
			•		(Table Z-1-/			
				2 mg/m3				
			TWA (Res- pirable par-	z mg/ms	ACGIN			
			ticulate mat-					
			ter)					
			STEL (Res-	10 mg/m3	ACGIH			
			pirable par-	TO HIg/HIS	ACGIT			
			ticulate mat-					
			ter)					
			TWA (Dust)	5 mg/m3	NIOSH REI			
			TWA	5 mg/m3	NIOSH REI			
			(Fumes)	o mg/mo	NICOT IL			
			ST (Fumes)	10 mg/m3	NIOSH REI			
			C (Dust)	15 mg/m3	NIOSH REI			
			TWA	5 mg/m3	OSHA Z-1			
			(Fumes)	o mg/mo	001			
			TWA (total	15 mg/m3	OSHA Z-1			
			dust)	. og,o				
			TWA (respir-	5 mg/m3	OSHA Z-1			
			able fraction)	0				
			TWA (Total	10 mg/m3	OSHA P0			
			dust)	J J				
			TWA (respir-	5 mg/m3	OSHA P0			
			able dust					
			fraction)					
			TWA	5 mg/m3	OSHA P0			
			(Fumes)					
			STEL	10 mg/m3	OSHA P0			
			(Fumes)					
Limes	stone	1317-65-3	REL value	5 mg/m3	NIOSH			
			(Respirable)					
			REL value	10 mg/m3	NIOSH			
			(Total)					
			PEL (Respir-	5 mg/m3	29 CFR			
			able fraction)		1910.1000			
				45	(Table Z-1)			
			PEL (Total	15 mg/m3	29 CFR			
			dust)		1910.1000 (Table 7.1)			
			TWA value	5 mg/m3	(Table Z-1) 29 CFR			
			(Respirable	5 mg/ma	1910.1000			
			fraction)		(Table Z-1-			
			TWA value	15 mg/m3	29 CFR			
			(Total dust)	i o mg/mo	1910.1000			
					(Table Z-1-			
			TWA (total	15 mg/m3	OSHA Z-1			
			dust)	10 mg/mo				
-			TWA (respir-	5 mg/m3	OSHA Z-1			

sion	Revision Date: 09/22/2020	SDS Number: 000000260306	Date of las Date of firs	t issue: 09/22/2020	
		1	able fraction)	I	1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWÁ (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
Titani	um dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTL\
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-
			TWA (total dust)	15 mg/m3	OSHA Z-1
_			TWA (Total dust)	10 mg/m3	OSHA P0
			TWÁ	10 mg/m3 (Titanium dioxide)	ACGIH
Quart	z (SiO2)	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
			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
			REL value (Respirable dust)	0.05 mg/m3	NIOSH
			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 CAF
			TWÁ (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH RE

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distilla low-b hydro comp carbo lation distilla It con havin domir throug range	ates (petroleum), light ate hydrotreating proce oiling; Low boiling poir ogen treated naphtha;   lex combination of hyd ons obtained by the dis of products from the li ate hydrotreating proce sists of hydrocarbons g carbon numbers pre nantly in the range of C gh C9 and boiling in the of approximately 3 o 4 o C (37 oF to 382 oF	ess, ht A Iro- til- ght ess. - C6 e C	STEL value (Mist)	10 mg/m3	NIOSH
			REL value (Mist)	5 mg/m3	NIOSH
			PEL (Mist)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Mist)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
			TWA	500 ppm 2,000 mg/m3	OSHA Z-1
			TWA	400 ppm 1,600 mg/m3	OSHA P0

**Engineering measures** : No applicable information available.

Personal protective equipment							
Respiratory protection :	When workers are facing concentrations above the occupa- tional exposure limits they must use appropriate certified respirators.						
Hand protection							
Remarks	The suitability for a specific workplace should be discussed with the producers of the protective gloves.						
Eye protection	Eye wash bottle with pure water Tightly fitting safety goggles						
Skin and body protection	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.						
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 hygiene and safety practice. Wearing of closed work clothing is recommended.						
Hygiene measures	When using do not eat or drink.						

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			When using do no Wash hands befo	ot smoke. re breaks and at the end of workday.
SECTION 9	. PHYSICAL AND CHI	ЕМІС		S
Appear	ance	:	liquid	
Color		:	white	
Odor		:	mild, solvent	
Odor T	hreshold	:	No data available	9
рН		:	neutral to slightly	alkaline
Melting	point	:	No applicable inf	ormation available.
Boiling	point	:	142.00 - 374.00	°F / 61.11 - 190.00 °C
Flash p	point	:	187.00 °F / 86.1′	l °C
			Method: Standar Closed Tester	d Method of Test for Flash Point by Setaflash
Evapor	ation rate	:	No applicable inf	ormation available.
Flamma	ability (solid, gas)	:	not determined	
	explosion limit / Upper bility limit	:	12.5 %(V)	
	explosion limit / Lower bility limit	:	1 %(V)	
Vapor p	pressure	:	No data available	9.
Relative	e vapor density	:	Heavier than air.	
Relative	e density	:	No applicable inf	ormation available.
Density	,	:	1.2667 g/cm3 (68	8 °F / 20 °C)
Bulk de	ensity	:	not applicable	
Solubili Wat	ty(ies) er solubility	:	partly soluble	
Solu	ubility in other solvents	:	No applicable inf	ormation available.
Partitio octanol	n coefficient: n- /water	:	No data available	9.

## SAFETY DATA SHEET

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	Autoignition temperature Decomposition temperature		<ul> <li>No data available</li> <li>No decomposition if stored and handled as pre- scribed/indicated.</li> </ul>			
	Viscosity Viscosity, dynamic Viscosity, kinematic Explosive properties			ormation available. ormation available.		
Su	Oxidizing properties Sublimation point Molecular weight		as oxidizing.	ctural properties the product is not classified ormation 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. Vapors may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents Strong reducing agents
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.

### Product:

Acute oral toxicity	:	Remarks: No applicable information available.
Acute inhalation toxicity	:	Remarks: No applicable information available.
Acute dermal toxicity	:	Remarks: No applicable information available.

## SAFETY DATA SHEET

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	corrosion/irritation		
Not cl	lassified based on ava	ailable information.	
Serio	us eye damage/eye	irritation	
	lassified based on ava		
Resp	iratory or skin sensi	tization	
Skin	sensitization		
Not cl	lassified based on ava	ailable information.	
•	iratory sensitization		
Not cl	lassified based on ava	ailable information.	
	cell mutagenicity		
-	cause genetic defects		
	nogenicity		
-	cause cancer.		
•	oductive toxicity	- Martine to Caracteria	
	lassified based on ava	allable information.	
	-single exposure	ailable information	
	lassified based on ava		
	-repeated exposure		ged or repeated exposure if inhaled.
			jed of repeated exposure if inflated.
-	ation toxicity lassified based on ava	ailable information	
Prod			
	piration hazard exped	ted	
110 40			
Furth	er information		
Prod	uct:		
Rema	arks	: No data availat	ble

## Ecotoxicity

#### **Components:**

**zinc oxide:** M-Factor (Acute aquatic tox- : 1

icity)

M-Factor (Chronic aquatic : 1 toxicity)

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1): M-Factor (Acute aquatic tox- : 100

rsion	Revision Date: 09/22/2020		9S Number: 0000260306	Date of last issue: - Date of first issue: 09/22/2020
icity)				
M-Fa	ctor (Chronic aquatic ty)	:	100	
	<b>stence and degradab</b> ata available	ility		
Bioad	ccumulative potential			
<u>Com</u>	oonents:			
gen tr produ numb	eated naphtha; [A com icts from the light distill	nplex ate hy ne rar	combination of h vdrotreating proc ge of C6 through	process, low-boiling; Low boiling point hydro ydrocarbons obtained by the distillation of æss. It consists of hydrocarbons having carbo n C9 and boiling in the range of approximatel
	ion coefficient: n- ol/water	:	Method: Partitio GLP: yes	5.7 (68 °F / 20 °C) on coefficient (n-octanol/water), HPLC metho ed on data from similar materials
Titan	ium dioxide:			
	ion coefficient: n- ol/water	:	Remarks: not a	pplicable
Quar	tz (SiO2):			
Partit	ion coefficient: n- ol/water	:	Remarks: not a	pplicable
zinc	oxide:			
	ion coefficient: n- ol/water	:	Remarks: The substance is in	value has not been determined because the organic.
mixtu	ire of: 5-chloro-2-met	hyl-2	H-isothiazol-3-o	one and 2-methyl-2H-isothiazol-3-one (3:1)
	ion coefficient: n- ol/water	:	log Pow: 0.401	on coefficient (n-octanol/water), Shake-flask
	<b>lity in soil</b> ata available			
Othe	r adverse effects			
<u>Prod</u> e Additi matio	onal ecological infor-	:	unprofessional Harmful to aqua	tal hazard cannot be excluded in the event of handling or disposal. atic life. atic life with long lasting effects.

## SAFETY DATA SHEET

## MasterProtect P 200

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SECTION	13. DISPOSAL CONS		
Disp	osal methods		
•	e from residues	cal or used con Dispose of in a tions.	nate ponds, waterways or ditches with chemi- tainer. ccordance with national, state and local regula- ge into drains/surface waters/groundwater.
Conta	aminated packaging		backaging should be emptied as far as possible f in the same manner as the sub-

#### **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:

zinc oxide 1314-13-2

#### **US State Regulations**

### Pennsylvania Right To Know

propane-1,2-diol	57-55-6
zinc oxide	1314-13-2
Limestone	1317-65-3
Titanium dioxide	13463-67-7
Quartz (SiO2)	14808-60-7
Distillates (petroleum), light distillate hydrotreating process,	68410-97-9
low-boiling; Low boiling point hydrogen treated naphtha; [A	
complex combination of hydrocarbons obtained by the distilla-	
tion of products from the light distillate hydrotreating process.	
It consists of hydrocarbons having carbon numbers predomi-	

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	nantly in the range of C6 through C9 and boiling in the range of approximately 3 o C to 194 o C (37 oF to $382 \text{ oF}$ ).]				
New J	lersey Right To Know	1			
	low-boiling; Low be complex combinat tion of products fro It consists of hydro nantly in the range	um), light distillate hydr oiling point hydrogen tr ion of hydrocarbons ob om the light distillate hy ocarbons having carbon of C6 through C9 and o C to 194 o C (37 oF	eated naphtha; [A otained by the distilla- drotreating process. n numbers predomi- boiling in the range	57-55-6 1314-13-2 1317-65-3 13463-67-7 14808-60-7 68410-97-9	

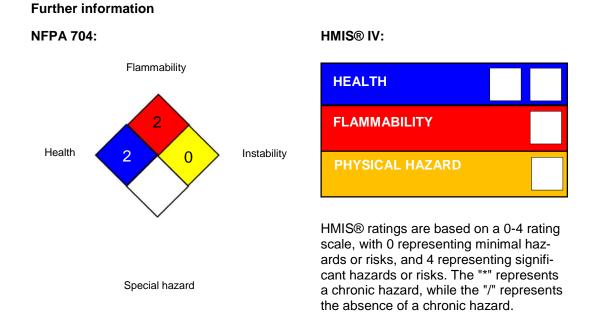
#### California Prop. 65

WARNING: This product can expose you to chemicals including acrylamide, 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 : On the inventory, or in compliance with the inventory

#### **SECTION 16. OTHER INFORMATION**



#### Full text of other abbreviations

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1-A (29 CFR 1910.1000)

Vers 1.0	sion	Revision Date: 09/22/2020		0S Number: 0000260306	Date of last issue: - Date of first issue: 09/22/2020
	1-A)				
	29 CFF 1)	R 1910.1000 (Table Z-	:	OSHA - Table Z-1 1910.1000	(Limits for Air Contaminants) 29 CFR
		R 1910.1001-1050	:	OSHA - Specifica	lly Regulated Substances (29 CFR
	ACGIH			1910.1001-1050)	people Limit Values (TLV)
			:		eshold Limit Values (TLV)
	ACGIH	ILV	•	threshold limit val	ence of Governmental Industrial Hygienists -
	NIOSH				uide to Chemical Hazards (US)
	NIOSH		:		ommended Exposure Limits
	OSHA		:		y Regulated Chemicals/Carcinogens
	OSHA		:		BLE Z-1 Limits for Air Contaminants -
	CONA	10	•	1910.1000	
	OSHA	Z-1	•		al Exposure Limits (OSHA) - Table Z-1 Lim-
			-	its for Air Contam	
	OSHA	Z-3			al Exposure Limits (OSHA) - Table Z-3 Min-
		_ •	-	eral Dusts	
	29 CFF	R 1910.1000 (Table Z-	:	Short Term Expos	sure Limit (STEL):
		STEL value	-		
	,	R 1910.1000 (Table Z-	:	Time Weighted Av	verage (TWA):
		WA value	-	· · · · · · · · · · · · · · · · · · ·	
		R 1910.1000 (Table Z-	:	Permissible expos	sure limit
	1) / PE				
		R 1910.1001-1050 /	:	OSHA Action leve	el:
		Action level			
	29 CFF	R 1910.1001-1050 /	:	Time Weighted Av	verage (TWA):
	TWA v	alue		Ū	<b>C ( )</b>
	ACGIH	/ TWA	:	8-hour, time-weig	hted average
	ACGIH	/ STEL	:	Short-term expos	
	ACGIH	TLV / STEL value	:	Short Term Expos	
	ACGIH	TLV / TWA value	:	Time Weighted Av	
	NIOSH	/ Ceil_Time	:	Ceiling Limit Valu	e and Time Period (if specified):
		/ REL value	:		kposure limit (REL):
	NIOSH	/ STEL value	:		sure Limit (STEL):
	NIOSH	REL / TWA	:		rerage concentration for up to a 10-hour
				workday during a	40-hour workweek
	NIOSH	REL / ST	:		TWA exposure that should not be exceeded
				at any time during	
	NIOSH	REL/C	:		be exceeded at any time.
	OSHA	CARC / PEL	:	Permissible expos	
	OSHA	P0 / TWA	:	8-hour time weigh	
		P0 / STEL	:	Short-term expos	
	OSHA	Z-1 / TWA	:	8-hour time weigh	
	OSHA	Z-3 / TWA	:	8-hour time weigh	
				-	

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

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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** 

: 09/22/2020

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