Sikaflex CR 195 aluminum gray Formerly MSeal CR 195 alu gry



Versio 1.0	n Revision Date: 08/13/2020	SDS Numbe 0000002614	
SECTI	ON 1. IDENTIFICATION		
P	oduct name	: Sikaflex gry	CR 195 aluminum gray Formerly MSeal CR 195 alu
Pi	oduct code	: 0000000	000051721628
М	anufacturer or supplier's	details	
C	ompany name of supplier	: Sika MB	CC US LLC
A	ldress		ITO AVE st NJ 07071
E	nergency telephone	: ChemTe	l: +1-813-248-0585
R	ecommended use of the	chemical and	restrictions on use
R	ecommended use	: Product	for construction chemicals
R	estrictions on use	: Reserve	d for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accord Serious eye damage/eye irritation		
Respiratory sensitization	:	Category 1
Skin sensitization	:	Category 1
Germ cell mutagenicity	:	2
Reproductive toxicity	:	1B
Reproductive toxicity	:	1B
Specific target organ toxicity - repeated exposure	:	Category 1 (Central nervous system)
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H319 Causes serious eye irritation.

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		culties if inhale H317 May caus H341 Suspecte H372 Causes of through prolone	se allergy or asthma symptoms or breathing diffi- d. se an allergic skin reaction. ed of causing genetic defects. damage to organs (Central nervous system) ged or repeated exposure. hage fertility or the unborn child.
Preca	autionary Statements	Prevention:	
		face protection P260 Do not br P201 Obtain sp P284 In case o tion. P202 Do not ha and understood P270 Do not ea P264 Wash fac handling.	eathe dust or mist. becial instructions before use. f inadequate ventilation wear respiratory protec- andle until all safety precautions have been read
		Response:	
		for several min to do. Continue P304 + P340 IF keep comfortat P314 Get medi P303 + P352 IF and water. P308 + P311 IF CENTER/ doct P362 + P364 T reuse.	 INHALED: Remove person to fresh air and ble for breathing. cal advice/ attention if you feel unwell. ON SKIN (or hair): Wash with plenty of soap exposed or concerned: Call a POISON or. ake off contaminated clothing and wash it before eye irritation persists: Call a POISON CENTER
		Storage:	
		P405 Store loc	ked up.
		Disposal: P501 Dispose of waste collection	of contents/container to appropriate hazardous
Othe	r hazards		

CONTAINS ISOCYANATES. INHALATION OF ISOCYANATE MISTS OR VAPORS MAY CAUSE RESPIRATORY IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT AND REDUCED PULMONARY FUNCTION. OVEREXPOSURE WELL ABOVE THE PEL MAY RESULT IN BRONCHITIS, BRONCHIAL SPASMS AND PULMONARY EDEMA. LONG-TERM EXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING REDUCED LUNG FUNCTION WHICH MAY BE PERMANENT. ACUTE OR



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CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. ANIMAL TESTS INDICATE THAT SKIN CONTACT MAY PLAY A ROLE IN CAUSING RESPIRATORY SENSITIZATION.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: No data available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
Stoddard solvent	8052-41-3	>= 7 - < 10
calcium oxide	1305-78-8	>= 1 - < 3
4,4'-methylenedicyclohexyl diisoncy-	5124-30-1	>= 0.3 - < 1
anate		
trimethoxy(3-	2530-83-8	>= 0.1 - < 0.2
(oxiranylmethoxy)propyl)silane		
dibutyltin dilaurate	77-58-7	>= 0.1 - < 0.2
Limestone	1317-65-3	>= 10 - < 50
Titanium dioxide	13463-67-7	>= 0 - < 10
talc	14807-96-6	>= 1 - < 3

SECTION 4. FIRST AID MEASURES

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 :	No applicable information available.
	Call a physician or poison control center immediately. If unconscious, place in recovery position and seek medical advice.
In case of skin contact :	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact :	Immediately flush eye(s) with plenty of water. 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.

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ar	ost important symptoms nd effects, both acute and elayed	Causes serious May cause alle ties if inhaled. Suspected of c May damage fo	allergic skin reaction. s eye irritation. ergy or asthma symptoms or breathing difficul- causing genetic defects. ertility or the unborn child. ge to organs through prolonged or repeated
N	otes to physician	: Treat symptom	atically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Foam 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 for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
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	:	Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against : Avoid dust formation.

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fire	and explosion	Provide a is formed.	opropriate exhaust ventilation at places where dust
Adv	vice on safe handling	Do not bre Avoid exp Avoid con For perso Smoking, plication a Provide se Dispose o regulation Persons s allergies,	ufficient air exchange and/or exhaust in work rooms. f rinse water in accordance with local and national
Co	nditions for safe storage	place. Observe l Electrical	ainer tightly closed in a dry and well-ventilated abel precautions. installations / working materials must comply with plogical safety standards.
	ther information on stor- e conditions	place. Protect fro	in the original container in a cool, well-ventilated om direct sunlight. ected against freezing.
Ма	terials to avoid	: Observe	/CI storage rules.
	ther information on stor- e stability	: No data a	vailable

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
dibutyltin dilaurate	77-58-7	TWA value	0.1 mg/m3 (tin (Sn))	ACGIHTLV
		STEL value	0.2 mg/m3 (tin (Sn))	ACGIHTLV
		REL value	0.1 mg/m3 (tin (Sn))	NIOSH
		PEL	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1)
		TWA value	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1-A)



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rsion)	Revision Date: 08/13/2020	SDS Number: 000000261498	Date of las Date of firs	t issue: - it issue: 08/13/2020	
			TWA	0.1 mg/m3 (Tin)	OSHA Z-1
			TWA	0.1 mg/m3 (Tin)	ACGIH
			STEL	0.2 mg/m3 (Tin)	ACGIH
			TWA	0.1 mg/m3 (Tin)	OSHA P0
			TWA	0.1 mg/m3 (Tin)	NIOSH RE
calciu	ım oxide	1305-78-8	TWA value	2 mg/m3	ACGIHTLV
			REL value	2 mg/m3	NIOSH
			PEL	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value	5 mg/m3	29 CFR 1910.1000 (Table Z-1-
			TWA	2 mg/m3	ACGIH
			TWA	2 mg/m3	NIOSH RE
			TWA	5 mg/m3	OSHA Z-1
			TWA	5 mg/m3	OSHA P0
Limes	stone	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-
			TWA value (Total dust)	15 mg/m3	29 CFR 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-	NIOSH RE



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1		I	I	honoto)	1
	ethylenedicyclohexyl cyanate	5124-30-1	TWA value	bonate) 0.005 ppm	ACGIHTL
anson	oyunato		Ceil_Time	0.01 ppm 0.11 mg/m3	NIOSH
			CLV	0.01 ppm 0.11 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA	0.005 ppm	ACGIH
			С	0.01 ppm 0.11 mg/m3	NIOSH RE
			С	0.01 ppm 0.11 mg/m3	OSHA P0
Titaniu	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
talc		14807-96-6	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLY
			TWA (Dust)	20 Million parti- cles per cubic foot	OSHA Z-3
			TWA (respir- able dust fraction)	2 mg/m3	OSHA P0
			TWA (Res- pirable)	2 mg/m3	NIOSH RE
			TWA	0.1 fibres per cubic centimeter	ACGIH
			TWA (Res- pirable par- ticulate mat- ter)	2 mg/m3	ACGIH
Stodd	ard solvent	8052-41-3	TWA value	100 ppm	ACGIHTLY
			REL value	350 mg/m3	NIOSH
			Ceil_Time	1,800 mg/m3	NIOSH
			PEL	500 ppm 2,900 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA value	100 ppm 525 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA	100 ppm	ACGIH





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1				TWA	350 mg/m3	NIOSH REL
				С	1,800 mg/m3	NIOSH REL
				TWA	500 ppm 2,900 mg/m3	OSHA Z-1
				TWA	100 ppm 525 mg/m3	OSHA P0
Engir	neering measures	:	No applicable	e information	available.	
Perso	onal protective equip	ment				
Respi	ratory protection	:				uate.
Hand	protection					
Re	emarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.			
Еуе р	rotection	:	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.			
Skin a	and body protection	:	Choose body protection according to the amount and con- centration of the dangerous substance at the work place.			
Prote	ctive measures	:	Avoid contact with the skin, eyes and clothing. No special measures necessary if stored and handled cor- rectly.			
			and safety pr	actice.	h good building materials lothing is recommended.	
Hygie	ne measures	:	When using o When using o Wash hands	lo not smoke		day.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	various colours
Odor	:	solvent
Odor Threshold	:	No data available
рН	:	not applicable
Melting point	:	No applicable information available.

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	Boiling	point	:	No applicable inf	ormation available.
	Flash p	oint	:	does not flash	
	Evapor	ation rate	:	No applicable inf	ormation available.
	Flamma	ability (solid, gas)	:	Will not burn	
	Vapor p	pressure	:	No applicable infe	ormation available.
	Relative	e vapor density	:	Heavier than air.	
	Relative	e density	:	No applicable inf	ormation available.
	Density	1	:	approx. 1.10 g/cr	n3 (68 °F / 20 °C)
	Solubili Wat	ty(ies) er solubility	:	slightly soluble (68 °F / 20 °C)
	Solu	ubility in other solvents	:	No applicable inf	ormation available.
	Partitio octanol	n coefficient: n- /water	:	No applicable inf	ormation available.
	Decom	position temperature	: No decomposition i scribed/indicated.		n if stored and handled as pre-
	Viscosi Visc	ty cosity, dynamic	:	approx. 4,000 - 8	,000 poise
	Visc	osity, kinematic	:	No applicable inf	ormation available.
	Explosi	ve properties	:	Not explosive Not explosive	
	Oxidizir	ng properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified
	Self-he	ating substances	:	No data available	
	Sublima	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-	:	No decomposition if stored and applied as directed.



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tions							
Cond	litions to avoid	:	See SDS sect	ion 7 - Handling and storage.			
Incor	Incompatible materials		Strong acids Strong bases Strong oxidizing agents Strong reducing agents				
Haza produ	rdous decomposition ucts	:	: No hazardous decomposition products if stored and handled as prescribed/indicated.				
ECTION	11. TOXICOLOGICA	L INFO	ORMATION				
	e toxicity classified based on ava l <u>uct:</u>	ailable	information.				
Not c <u>Prod</u>	lassified based on ava	ailable :		pplicable information available.			
Not c <u>Prod</u> Acute	lassified based on ava		Remarks: No a	pplicable information available. pplicable information available.			
Not c <u>Prod</u> Acute Acute	elassified based on ava luct: e oral toxicity	:	Remarks: No a Remarks: No a				
Not c <u>Prod</u> Acute Acute Acute	elassified based on ava l uct: e oral toxicity e inhalation toxicity	: :	Remarks: No a Remarks: No a Remarks: No a	pplicable information available.			
Not c <u>Prod</u> Acute Acute Acute	elassified based on availassified based on availant e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation classified based on available	: :	Remarks: No a Remarks: No a Remarks: No a	pplicable information available.			
Not c <u>Prod</u> Acute Acute Acute Skin Not c	elassified based on ava uct: e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation classified based on ava uct:	: :	Remarks: No a Remarks: No a Remarks: No a information.	pplicable information available.			
Not c Prod Acute Acute Acute Skin Not c Prod Rema Seric	elassified based on ava uct: e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation classified based on ava uct:	ilable	Remarks: No a Remarks: No a Remarks: No a information. May cause skin	pplicable information available.			
Not c Prod Acute Acute Acute Skin Not c Prod Rema Seric	elassified based on availant a oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation classified based on availant corrosion/irritation classified based on availant corrosion/irritation classified based on availant corrosion/irritation corrosion/irritatio	ilable	Remarks: No a Remarks: No a Remarks: No a information. May cause skin	pplicable information available.			

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Product:

Remarks : Causes sensitization.

Germ cell mutagenicity

Suspected of causing genetic defects.

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	nogenicity lassified based on ava	ailable information.	
Repr	oductive toxicity		
-	damage fertility or the	unborn child.	
	F-single exposure lassified based on ava	ailable information.	
STO	-repeated exposure		
Caus	es damage to organs	(Central nervous s	ystem) through prolonged or repeated exposure.
-	r <mark>ation toxicity</mark> lassified based on ava	ailable information.	
Prod	uct:		
No as	spiration hazard exped	cted.	
Furth	er information		
Prod	uct:		
Rema	arks	: No data ava	ailable
CTION	12. ECOLOGICAL IN	FORMATION	
Ecoto	oxicity ata available		
Ecoto No da	ata available	bility	
Ecoto No da Persi	•	bility	
Ecoto No da Persi No da	ata available stence and degrada	-	
Ecoto No da Persi No da Bioao	ata available stence and degrada ata available	-	
Ecoto No da Persi No da Bioao Com	ata available stence and degrada ata available ccumulative potentia	-	
Ecoto No da Persi No da Bioad Com Stode Partit	ata available stence and degrada ata available ccumulative potentia ponents:	al : log Pow: 3.	5 - 6.4 (68 °F / 20 °C) artition coefficient (n-octanol/water), HPLC metho
Ecoto No da Persi No da Bioad Com Stode Partiti octan	ata available stence and degrada ata available ccumulative potentia ponents: dard solvent: ion coefficient: n-	al : log Pow: 3.	5 - 6.4 (68 °F / 20 °C) artition coefficient (n-octanol/water), HPLC metho

4,4'-methylenedicyclohexyl diisoncyanate:

Partition coefficient: n-	:	Remarks: Study technically not feasible.
octanol/water		

trimethoxy(3-(oxiranylmethoxy)propyl)silane:

Partition coefficient: n-	:	log Pow: -0.915
octanol/water		Method: other (calculated)
		Remarks: unmeasurable

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Pa	butyltin dilaurate: artition coefficient: n- tanol/water	:	log Pow: 3.17 (69 pH: 6.1 - 6.3 Method: Partition method GLP: yes	.4 °F / 20.8 °C) coefficient (n-octanol/water), Shake-flask
Pa	tanium dioxide: artition coefficient: n- tanol/water	:	Remarks: not app	licable
	lc: artition coefficient: n- tanol/water	:	Remarks: not app	licable
	obility in soil o data available			
Ot	ther adverse effects			
Ac	oduct: Iditional ecological infor- ation	:	harmful to aquation The product has r	obability that the product is not acutely c organisms. not been tested. The statements on ecotoxi- derived from the properties of the individual

SECTION 13. DISPOSAL CONSIDERATIONS

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

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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

US State Regulations

Pennsylvania Right To Know

, ,	
calcium oxide	1305-78-8
Limestone	1317-65-3
Titanium dioxide	13463-67-7
talc	14807-96-6
Stoddard solvent	8052-41-3
New Jersey Right To Know	
calcium oxide	1305-78-8
Limestone	1317-65-3
Titanium dioxide	13463-67-7
talc	14807-96-6
Stoddard solvent	8052-41-3

California Prop. 65

WARNING: This product can expose you to chemicals including carbon black, which is/are known to the State of California to cause cancer, and

toluene, which is/are known to the State of California to cause 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

Further information





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NFP	A 704:		HMIS® IV:	
	Flammability		HEALTH	
	0		FLAMMABILITY	
Hea	alth 2 0	Instability	PHYSICAL HAZARD	
	Special hazard		HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.	
Full t	ext of other abbreviati			
29 CI 1-A)	FR 1910.1000 (Table Z-	: OSHA - Tabl	e Z-1-A (29 CFR 1910.1000)	
29 Ćł	FR 1910.1000 (Table Z-		e Z-1 (Limits for Air Contaminants) 29 CFR	
1) ACGI	н		1910.1000 : USA. ACGIH Threshold Limit Values (TLV)	
	IHTLV	: American Co	American Conference of Governmental Industrial Hygienists -	
NIOS	ίΗ		threshold limit values (US) NIOSH Pocket Guide to Chemical Hazards (US)	
NIOS	H REL	: USA. NIOSH	USA. NIOSH Recommended Exposure Limits	
OSH	A P0	: USA. OSHA 1910.1000	USA. OSHA - TABLE Z-1 Limits for Air Contaminants -	
OSH	A Z-1	: USA. Occupa	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants	
OSH	A Z-3		ational Exposure Limits (OSHA) - Table Z-3 Min-	
00.01	TD 4040 4000 (T-bla 7	eral Dusts)/-l	
	FR 1910.1000 (Table Z- / CLV	: Ceiling Limit	value.	
29 ČI	FR 1910.1000 (Table Z- / TWA value	: Time Weight	Time Weighted Average (TWA):	
29 ĈI 1) / P	FR 1910.1000 (Table Z-	: Permissible e	Permissible exposure limit	
	IH / TWA	: 8-hour, time-	: 8-hour, time-weighted average	
	H/STEL		Short-term exposure limit	
	HTLV / STEL value HTLV / TWA value		Short Term Exposure Limit (STEL): Time Weighted Average (TWA):	
	SH / Ceil_Time		Ceiling Limit Value and Time Period (if specified):	
NIOS	6H / REL value	: Recommend	Recommended exposure limit (REL):	
NIOS	SH REL / TWA		ed average concentration for up to a 10-hour ng a 40-hour workweek	
NIOS	HREL/C		not be exceeded at any time.	
OSH	A P0 / TWA	: 8-hour time v	: 8-hour time weighted average	
OSH/	A P0 / C	: Ceiling limit	Ceiling limit	



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OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-3 / TWA	:	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

Revision Date

: 08/13/2020

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