

Version 1.0	Revision Date: 08/07/2020	•	DS Number: 00000261430	Date of last issue: - Date of first issue: 08/07/2020
SECTION	1. IDENTIFICATION			
Produ	uct name	:	SikaThoroseal-58	34 P Formerly MSeal 584 plst mix gry
Produ	uct code	:	00000000005171	9879
Manu	facturer or supplier's	det	ails	
Company name of supplier		:	Sika MBCC US L	LC
Address		:	201 POLITO AVE Lyndhurst NJ 070	_
Emer	gency telephone	:	ChemTel: +1-813	3-248-0585
Recommended use of the chemic			nical and restriction	ons on use
Reco	mmended use	:	Product for const	ruction chemicals
Restr	ictions on use	:	Reserved for indu	ustrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Skir	n corrosion/irritation	:	2
	ious eye damage/eye ation	:	Category 1
	ecific target organ toxicity ngle exposure	:	3
•	ecific target organ toxicity peated exposure (Inhala-)	:	Category 1
Car	cinogenicity (Inhalation)	:	1A (Lung)
•	peated exposure (Inhala-	:	2 (Kidney, Immune system)
GH	S label elements		
Haz	ard pictograms	:	
Sigr	nal Word	:	Danger



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Haza	rd Statements	H315 Causes sl H335 May caus H350 May caus H373 May caus peated exposur	e respiratory irritation. e cancer. e damage to organs through prolonged or re- e. amage to organs through prolonged or repeated
Preca	autionary Statements	face protection. P201 Obtain sp P271 Use only of P260 Do not bre P202 Do not ha and understood P270 Do not ea	ective gloves/ protective clothing/ eye protection/ ecial instructions before use. butdoors or in a well-ventilated area. eathe dust or mist. ndle until all safety precautions have been read t, drink or smoke when using this product. e, hands and any exposed skin thoroughly after
		for several minu to do. Continue P304 + P340 IF keep comfortab P303 + P352 IF and water. P362 + P364 Ta reuse.	INHALED: Remove person to fresh air and le for breathing. ON SKIN (or hair): Wash with plenty of soap ake off contaminated clothing and wash it before exposed or concerned: Call a POISON
		Storage: P403 + P233 St tightly closed. P405 Store lock	ore in a well-ventilated place. Keep container ed up.
		Disposal: P501 Dispose o waste collection	f contents/container to appropriate hazardous point.
	r hazards ata available.		
SECTION	3. COMPOSITION/INF	ORMATION ON ING	REDIENTS
Chem	nical nature	: No data availab	le.

Components

CAS-No.

Concentration (% w/w)



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Quart	z (SiO2)	14808-60-7	>= 50 - < 75
Cement, portland, chemicals		65997-15-1	>= 15 - < 50
Calcium dihydroxide		1305-62-0	>= 1 - < 3
Iron o	xide	1309-37-1	>= 0 - < 3
Limes	stone	1317-65-3	>= 0 - < 3
Calciu	um sulphate	7778-18-9	>= 0 - < 3

SECTION 4. FIRST AID MEASURES

General advice	:	Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attend- ance. Do not leave the victim unattended.
If inhaled	:	Consult a physician after significant exposure. 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	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do NOT induce vomiting. 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	:	Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause cancer. Causes damage to organs through prolonged or repeated exposure if inhaled. May cause damage to organs through prolonged or repeated exposure.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES



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Suitable extinguishing media		:	Water spray Foam Dry powder Carbon dioxide (C	:02)	
	Unsuita media	ble extinguishing	:	High volume wate	r jet
	Specific fighting	hazards during fire	:	Do not allow run-c courses.	off from fire fighting to enter drains or water
	Further	information	:	must not be disch Fire residues and	ted fire extinguishing water separately. This arged into drains. contaminated fire extinguishing water must accordance with local regulations.
	Special for fire-	protective equipment fighters	:	Wear self-containe 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. 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 fire and explosion	:	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
Advice on safe handling	:	 Avoid formation of respirable particles. 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 application 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	:	Keep container tightly closed in a dry and well-ventilated



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Further information on stor-		 place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Containers should be stored tightly sealed in a dry place. 				
age conditions Materials to avoid		: Segregate from metals. Segregate from acids and bases. Segregate from oxidants.				
	her information on stor- stability		om foods and animal feeds.			

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Calcium dihydroxide	1305-62-0	TWA value	5 mg/m3	ACGIHTLV
		REL value	5 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	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	5 mg/m3	ACGIH
		TWA	5 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA P0
Iron oxide	1309-37-1	TWA value (Respirable fraction)	5 mg/m3	ACGIHTLV
		REL value (Dust and fume)	5 mg/m3 (iron (Fe))	NIOSH
		PEL (fumes/smok e)	10 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (fumes/smok	10 mg/m3	29 CFR 1910.1000

Ingredients with workplace control parameters



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			e)	1	(Table Z-1-/	
			TWA (Res- pirable par- ticulate mat- ter)	5 mg/m3	ACGIH	
			TWA (dust and fume)	5 mg/m3 (Iron)	NIOSH REI	
			TWA (Fumes)	10 mg/m3	OSHA Z-1	
			TWA (total dust)	15 mg/m3	OSHA Z-1	
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1	
			TWA (Fumes)	10 mg/m3	OSHA P0	
Limes	tone	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 REL	
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH REL	
Calciu	im sulphate	7778-18-9	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV	
			REL value (Respirable)	5 mg/m3	NIOSH	
			REL value	10 mg/m3	NIOSH	



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ĺ			(Total)		1
			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 (Res- pirable)	5 mg/m3	NIOSH REL
			TWA (total) TWA (total dust)	10 mg/m3 15 mg/m3	NIOSH REL 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 (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
Quart	tz (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-	0.025 mg/m3 (Silica)	ACGIH

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00000261430 Date of first issue: 08/07/2020 1.0 08/07/2020 ter) **OSHA CARC** PEL (respir-0.05 mg/m3 able) TWA (Res-0.05 mg/m3 NIOSH REL pirable dust) (Silica) 65997-15-1 ACGIHTLV Cement, portland, chemicals TWA value 1 mg/m3 (Respirable fraction) **REL** value 10 mg/m3 NIOSH (Total) **REL** value 5 mg/m3 NIOSH (Respirable) PEL (Total 29 CFR 15 mg/m3 dust) 1910.1000 (Table Z-1) PEL (Respir-5 mg/m3 29 CFR able fraction) 1910.1000 (Table Z-1) TWA value 10 mg/m3 29 CFR (Total dust) 1910.1000 (Table Z-1-A) TWA value 5 mg/m3 29 CFR (Respirable 1910.1000 fraction) (Table Z-1-A) TWA value 50 millions of 29 CFR particles per cubic 1910.1000 foot of air (Table Z-3) TWA (Res-1 mg/m3 ACGIH pirable particulate matter) TWA (Res-NIOSH REL 5 mg/m3 pirable) TWA (total) NIOSH REL 10 mg/m3 TWA (total 15 mg/m3 OSHA Z-1 dust) TWA (respir-5 mg/m3 OSHA Z-1 able fraction) TWA (Total 10 mg/m3 OSHA P0 dust) TWA (respir-OSHA P0 5 mg/m3 able dust

Engineering measures

Provide local exhaust ventilation to maintain recommended P.E.L.

50 Million parti-

cles per cubic foot

OSHA Z-3

fraction) TWA (Dust)

Personal protective equipment

:

:

Respiratory protection

Breathing protection if dusts are formed. Wear a NIOSH-certified (or equivalent) particulate respirator.



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Hand	protection				
Remarks			ty for a specific workplace should be discussed ducers of the protective gloves.		
Eye protection		Tightly fitting	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.		
Skin	and body protection		ly protection according to the amount and con- f the dangerous substance at the work place.		
Prote	ective measures	Avoid inhala In order to p working clot	ct with the skin, eyes and clothing. Ition of dusts. Prevent contamination while handling, closed hes and working gloves should be used. Ccordance with good building materials hygiene practice.		
Hygie	ene measures	When using	do not eat or drink. do not smoke. s before breaks and at the end of workday.		

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Color	:	gray
Odor	:	odorless
Odor Threshold	:	Not determined due to potential health hazard by inhalation.
рН	:	slightly alkaline
Melting point	:	No applicable information available.
Boiling point	:	No applicable information available.
Evaporation rate	:	No applicable information available.
Flammability (solid, gas)	:	not determined
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



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				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.			
	Vapor	pressure	:	No applicable information available.			
	Relativ	ve vapor density	:	No applicable inf	ormation available.		
	Relativ	ve density	:	No data available	Э.		
	Densit	у	:	not applicable			
	Bulk d	ensity	:	1,800 - 2,400 kg/	m3		
		lity(ies) ter solubility	:	No data available			
	Sol	ubility in other solvents	:	No applicable inf	ormation available.		
		on coefficient: n- I/water		No applicable inf	ormation available.		
	Autoignition temperature		:	No applicable inf	ormation available.		
	Viscos Vis	ity cosity, dynamic	:	No applicable inf	ormation available.		
	Vis	cosity, kinematic	:	No applicable inf	ormation available.		
	Explos	vive properties	:	Not explosive Not explosive			
	Oxidiz	ing properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified		
	Self-he	eating substances	:	No data available	9		
	Sublim	nation point	:	No applicable inf	ormation available.		
	Molecu	ular weight	:	No data available	3		

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.



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Conc	litions to avoid	: See SDS sec	tion 7 - Handling and storage.
Incor	npatible materials	: Strong bases Strong acids	
Haza produ	rdous decomposition ucts	: No hazardous as prescribed	decomposition products if stored and handled /indicated.
SECTION	11. TOXICOLOGICAL	INFORMATION	
Acut	e toxicity		
Not c	lassified based on avai	lable information.	
Prod	uct:		
Acute	e oral toxicity	: Remarks: No a	applicable information available.

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

Skin corrosion/irritation

Causes skin irritation.

Product: Remarks

: Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks

: May cause irreversible 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.



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Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure if inhaled. May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks

No data available

:

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment	
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Acute aquatic toxicity	: This product has	no known ecotoxicological effects.
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Persistence and degradability

Product:

Biodegradability	:	Remarks: Not applicable for inorganic substances.
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Bioaccumulative potential

Product:

Bioaccumulation	:	Remarks: The product will not be readily bioavailable due to
		its consistency and insolubility in water.

Components:

Quartz (SiO2):

Partition coefficient: n-	:	Remarks: not applicable
octanol/water		

Cement, portland, chemicals:

Partition coefficient: n-	:	GLP: no
octanol/water		Remarks: not applicable



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	Partitic	m dihydroxide: on coefficient: n- I/water	:	•=••••	lue has not been determined because the ganic.
		xide: on coefficient: n- I/water	:	Remarks: Study s	scientifically not justified.
	Partitic	m sulphate: on coefficient: n- l/water	:	GLP: no Remarks: The va substance is inor	lue has not been determined because the ganic.
	Mobili	ty in soil			
		<u>ct:</u> ution among environ- compartments	:	 Remarks: Following exposure to soil, adsorption to solid s particles is probable, therefore contamination of groundwa is not expected. The substance will not evaporate into the atmosphere from the water surface. 	
	Other	adverse effects			
	Produ Results assess	s of PBT and vPvB	:	to be either persis	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
	Additio mation	nal ecological infor-	:	harmful to aquation The product has	robability that the product is not acutely c organisms. not been tested. The statements on ecotoxi- n 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.



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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

US State Regulations

Pennsylvania Right To Know

•	
Quartz (SiO2)	14808-60-7
Calcium dihydroxide	1305-62-0
Iron oxide	1309-37-1
Cement, portland, chemicals	65997-15-1
listed	
rsov Pight To Know	

New Jersey Right To Know

Calcium dihydroxide	1305-62-0
Cement, portland, chemicals	65997-15-1
Iron oxide	1309-37-1
Quartz (SiO2)	14808-60-7
listedSpecial Hazard.	

California Prop. 65

WARNING: This product can expose you to chemicals including Quartz (SiO2), 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 :	On the inventory, or in compliance with the inventory
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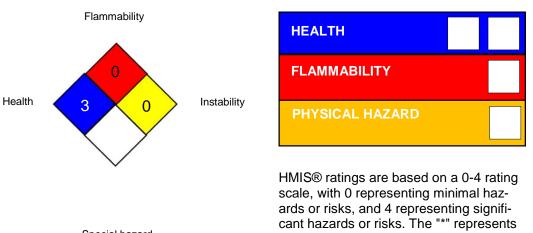
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SECTION 16. OTHER INFORMATION

Further information







Special hazard

a chronic hazard, while the "/" represents

the absence of a chronic hazard.

Full text of other abbreviations

	00	
29 CFR 1910.1000 (Table Z- 1-A)	:	OSHA - Table Z-1-A (29 CFR 1910.1000)
	:	OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
	:	OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000
29 CFR 1910.1001-1050	:	OSHA - Specifically Regulated Substances (29 CFR 1910.1001-1050)
ACGIH		USA. ACGIH Threshold Limit Values (TLV)
ACGIHTLV	:	American Conference of Governmental Industrial Hygienists - threshold limit values (US)
NIOSH	:	NIOSH Pocket Guide to Chemical Hazards (US)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA CARC	:	OSHA Specifically Regulated Chemicals/Carcinogens
OSHA P0		USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min- eral Dusts
29 CFR 1910.1000 (Table Z- 1-A) / TWA value	:	Time Weighted Average (TWA):
29 ĆFR 1910.1000 (Table Z- 1) / PEL	:	Permissible exposure limit
	:	Time Weighted Average (TWA):
29 CFR 1910.1001-1050 / OSHA Action level	:	OSHA Action level:



29 CFR 1910.1001-1050 / : Time Weighted Average (TWA): TWA value			
ACGIH / TWA : 8-hour, time-weighted average			
ACGIHTLV / TWA value : Time Weighted Average (TWA):	: Time Weighted Average (TWA):		
NIOSH / REL value : Recommended exposure limit (REL):	: Recommended exposure limit (REL):		
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-h workday during a 40-hour workweek	our		
OSHA CARC / PEL : Permissible exposure limit (PEL)			
OSHA P0 / TWA : 8-hour time weighted average			
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

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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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