Version 1.0	Revision Date: 08/28/2020	SDS Numbe 0000006276	
SECTIO	N 1. IDENTIFICATION		
Pro	duct name	: MasterS	Seal NP 100 Buff
Pro	duct code	: 0000000	000050387014 00000000050387014
Mai	nufacturer or supplier's	details	
Cor	npany name of supplier	: Master E US, LLC	Builders-Construction Systems
Add	ress		CHAGRIN BLVD ood OH 44122
Em	ergency telephone	: ChemTe	əl: +1-813-248-0585
Rec	commended use of the	hemical and	restrictions on use
Rec	commended use	: Product	for construction chemicals
Res	trictions on use	: Reserve	ed for industrial and professional use.

## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with 29 CFR 1910.1200

Serious eye damage/eye irritation		Category 2A
Skin sensitization	:	1A
Carcinogenicity	:	1A
Reproductive toxicity	:	1B
Reproductive toxicity	:	1B
Short-term (acute) aquatic hazard	:	3
Long-term (chronic) aquatic hazard	:	3
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.

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		H402 Harmful t	age fertility or the unborn child.
Preca	autionary Statements	Prevention:	
		face protection. P201 Obtain sp P261 Avoid bre P202 Do not ha and understood P273 Avoid rele P272 Contamir the workplace.	becial instructions before use. eathing dust/ fume/ gas/ mist/ vapours/ spray. andle until all safety precautions have been read
		Response:	
		for several minute to do. Continue P308 + P311 IF CENTER/ docto P303 + P352 IF and water. P362 + P364 T reuse.	<ul> <li>exposed or concerned: Call a POISON or.</li> <li>ON SKIN (or hair): Wash with plenty of soap</li> <li>ake off contaminated clothing and wash it before</li> <li>eye irritation persists: Call a POISON CENTER</li> </ul>
		Storage:	
		P405 Store loc	ked up.
		Disposal:	
		P501 Dispose of waste collection	of contents/container to appropriate hazardous n point.
	r hazards		
No da	ata available.		

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Sealant

### Components

Chemical name	CAS-No.	Concentration (% w/w)
dibutyltin dilaurate	77-58-7	>= 0 - < 1
Quartz (SiO2)	14808-60-7	>= 0 - < 1
2-(2H-Benzotriazol-2-yl)-4,6-	25973-55-1	>= 0.2 - < 3
ditertpentylphenol		
bis(1,2,2,6,6-pentamethyl-4-	41556-26-7	>= 0 - < 3
piperidyl)sebacate		

ersion D	sion Revision Date: SDS No 08/28/2020 000000		Date of last issue: - Date of first issue: 08/28/2020		
	2,6,6-tetramethyl-4- dyl)sebacate	52829-07-9	>= 0.2 - < 3		
	/I 1,2,2,6,6-pentameth dyl sebacate	yl-4- 82919-37-7	>= 0 - < 1		
	ethoxysi- ppyl)ethylenediamine	1760-24-3	>= 0.2 - < 3		
	thoxyvinylsilane	2768-02-7	>= 0.3 - < 3		
Dibuty O,O')	ylbis(pentane-2,4-dion tin	ato- 22673-19-4	>= 0 - < 1		
calciu	im carbonate	471-34-1	>= 3 - < 50		
Limes	stone	1317-65-3	>= 3 - < 50		
Titani	um dioxide	13463-67-7	· →= 0 - < 15		
steari	c acid	57-11-4	>= 0.1 - < 7		

### **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	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
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.
Most important symptoms and effects, both acute and delayed	:	May cause an allergic skin reaction. Causes serious eye irritation. May cause cancer. May damage fertility or the unborn child.
Notes to physician	:	Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray

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				Foam Dry powder Carbon dioxide (0	CO2)
	Unsuita media	able extinguishing	:	High volume wate	er jet
	Specifi fighting	c hazards during fire	:	Do not allow run- courses.	off from fire fighting to enter drains or water
	Furthe	r information	:	must not be disch Fire residues and	ated fire extinguishing water separately. This arged into drains. contaminated fire extinguishing water must accordance with local regulations.
	•	l 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. Avoid dust formation. Avoid breathing dust.
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	:	<ul> <li>Avoid formation of respirable particles.</li> <li>Do not breathe vapors/dust.</li> <li>Avoid exposure - obtain special instructions before use.</li> <li>Avoid contact with skin and eyes.</li> <li>For personal protection see section 8.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Dispose of rinse water in accordance with local and national regulations.</li> <li>Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> </ul>
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated

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Furth	Further information on stor-		kept upright to pre Observe label pre Electrical installat he technological	
	conditions	F	Protect from direct Store protected a	t sunlight.
Mate	rials to avoid	: (	Observe VCI stor	age rules.
	er information on stor- tability	: 1	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
stearic acid	57-11-4	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV
		TWA value (Respirable fraction)	3 mg/m3	ACGIHTLV
		TWA (Inhal- able particu- late matter)	10 mg/m3	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	3 mg/m3	ACGIH
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)
		TWA	0.1 mg/m3 (Tin)	OSHA Z-1
		TWA	0.1 mg/m3 (Tin)	ACGIH
		STEL	0.2 mg/m3	ACGIH

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				(Tin)	
			TWA	0.1 mg/m3 (Tin)	OSHA P0
			TWA	0.1 mg/m3 (Tin)	NIOSH RE
calciu	m carbonate	471-34-1	REL value (Total)	10 mg/m3	NIOSH
			REL value (Respirable)	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 (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH RE
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH RE
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 RI
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH RI
	um dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTL

sion	Revision Date: 08/28/2020		DS Number: 0000627634	Date of last issue: - Date of first issue: 08/28/2020		
				dust)		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
				TWA	10 mg/m3 (Titanium dioxide)	ACGIH
Perso	onal protective equip	ment				
Respi	ratory protection	:	Wear respirat	ory protection if	ventilation is inadequ	uate.
Hand	protection					
Re	emarks	:		o for a specific w ucers of the prot	orkplace should be d ective gloves.	liscussed
Eye p	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	:			rding to the amount a substance at the work	
Prote	ctive measures	:	Avoid contact with the skin, eyes and clothing. No special measures necessary if stored and handled cor- rectly. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended.			
Hygie	ne measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.			

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	beige
Odor	:	faint odour
Odor Threshold	:	No data available
рН	:	No data available

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Ме	Melting point		No applicable inf	ormation available.
Fla	sh point	:	> 253 °F / > 123	°C
			Method: Standar Closed Tester does not flash	d Method of Test for Flash Point by Setaflash
Fla	mmability (solid, gas)	:	not determined	
De	Density		11.65 lb/USg (73	3 - 77 °F / 23 - 25 °C)
	lubility(ies) Water solubility	:	insoluble (59 °F	/ 15 °C)
De	composition temperature	:	No decomposition scribed/indicated	n if stored and handled as pre- I.
Ox	idizing properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified
Se	f-heating substances	:	No data available	9
Мо	lecular weight	:	No data available	e

### 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	
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.

### Skin corrosion/irritation

Not classified based on available information.

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<u>Produ</u>	<u>uct:</u>			
Rema	irks	:	May cause skin	irritation and/or dermatitis.
Serio	us eye damage/eye	irritati	on	
	es serious eye irritatio			
<u>Produ</u>	<u>ict:</u>			
Rema	irks	:	May cause irrev	ersible eye damage.
Respi	iratory or skin sensi	tizatio	n	
Skin s	sensitization			
May c	ause an allergic skin	reactio	n.	
Respi	iratory sensitization			
Not cl	assified based on ava	ailable	information.	
<u>Produ</u>				
Rema	ırks	:	Causes sensitiz	ation.
Germ	cell mutagenicity			
Not cla	assified based on ava	ailable	information.	
Carci	nogenicity			
May c	ause cancer.			
-	oductive toxicity			
•	lamage fertility or the	unborr	n child.	
	<b>-single exposure</b> assified based on ava	ailable	information.	
STOT	-repeated exposure			
Not cla	assified based on ava	ailable	information.	
-	ation toxicity			
Not cl	assified based on ava	ailable	information.	
<u>Produ</u>				
No as	piration hazard exped	cted.		
Exper	rience with human e	xposu	re	
<u>Produ</u>	<u>ict:</u>			
Gener	ral Information	:		ding to experience, the product is considered to health if used in the correct manner.
Furth	er information			
<u>Produ</u>	<u>ict:</u>			
Rema		:	No data availab	le

## MasterSeal NP 100 Buff

CTION 12. ECOLOGICAL INFORMATION         Ecotoxicity         No data available         Persistence and degradability         No data available         Bioaccumulative potential         Components:         dibutytin dilaurate:         Partition coefficient: n-         io ctanol/water         ph: 6.1 - 6.3         Method: Partition coefficient (n-octanol/water), Shake-flask method         GLP: yes         Quartz (SiO2):         Partition coefficient: n-         ctanol/water         2 (2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n-         io g Pow: 7.3 (77 °F / 23 °C)         octanol/water         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-         ictanol/water         bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-         ctanol/water         bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-         io g Pow: 0.35 (77 °F / 25 °C)         octanol/water         bis(2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-         io g Pow: 0.35 (77 °F / 25 °C)         octanol/water     <	sion	Revision Date: 08/28/2020		OS Number: 0000627634	Date of last issue: - Date of first issue: 08/28/2020
No data available Persistence and degradability No data available Bioaccumulative potential Components: dibutyltin dilaurate: Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Cuartz (SiO2): Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- cotanol/water Partition coe	CTION	12. ECOLOGICAL IN	FOR	ATION	
No data available Persistence and degradability No data available Bioaccumulative potential Components: dibutyltin dilaurate: Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Cuartz (SiO2): Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- cotanol/water Partition coefficient: n- cotanol/water Bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- cotanol/water Partition coe	Footo	vicity			
Persistence and degradability No data available       No data available         Bioaccumulative potential       Components;         dibutyltin dilaurate:       Partition coefficient: n-         Partition coefficient: n-       : log Pow: 3.17 (69.4 °F / 20.8 °C) octanol/water         Duratz (SiO2):       ptH: 6.1 - 6.3 Method: Partition coefficient (n-octanol/water), Shake-flask method GLP: yes         Partition coefficient: n-       : Remarks: not applicable octanol/water         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n-       : log Pow: > 6.5 (73 °F / 23 °C) octanol/water         Partition coefficient: n-       : log Pow: > 6.5 (73 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : Remarks: No data available. octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C) octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C) octanol/water         bis(1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C) octanol/water         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C) octanol/water         Phi: 7       Method: Partition coefficient (		•			
Bioaccumulative potential         Components:         dibutyltin dilaurate:         Partition coefficient: n-         cotanol/water         Divide and the experimental of the experiment	Persi	stence and degradal	oility		
Components:         dibutyltin dilaurate:         Partition coefficient: n- octanol/water       :       log Pow: 3.17 (69.4 °F / 20.8 °C) pH: 6.1 - 6.3 Method: Partition coefficient (n-octanol/water), Shake-flask method GLP: yes         Quartz (SiO2):       :       :       Remarks: not applicable         octanol/water       :       Remarks: not applicable         octanol/water       :       log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4         Partition coefficient: n- octanol/water       :       log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:       Partition coefficient: n- octanol/water       :         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:       :       Remarks: No data available.         octanol/water       :       :       log Pow: 0.35 (77 °F / 25 °C) Method: Oafficient: n- octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:       :       Remarks: No data available.         Partition coefficient: n- octanol/water       :       !       log Pow: 0.35 (77 °F / 25 °C) PH: 7 Method: Partition coefficient: n- octanol/water         Method: Partition coefficient: n- octanol/water       :       !       !       !         Partition coefficient: n- octanol/water       :       !       !       !         Partition coefficient: n- octanol/water       :       !       ! <td></td> <td></td> <td>I</td> <td></td> <td></td>			I		
Partition coefficient: n- octanol/water       : log Pow: 3.17 (69.4 °F / 20.8 °C) pH: 6.1 - 6.3 Method: Partition coefficient (n-octanol/water), Shake-flask method GLP: yes         Quartz (SiO2): Partition coefficient: n- octanol/water       : Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol: Partition coefficient: n- octanol/water       : Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol: Partition coefficient: n- octanol/water       : log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method log Pow: 7.3 (77 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water       : log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         Method: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         N-(3-(Trimethoxysilyl))propyl)ethylenediamine: Partition coefficient: n- octanol/water       : log Pow: -0.82					
Partition coefficient: n- octanol/water       : log Pow: 3.17 (69.4 °F / 20.8 °C) pH: 6.1 - 6.3 Method: Partition coefficient (n-octanol/water), Shake-flask method GLP: yes         Quartz (SiO2): Partition coefficient: n- octanol/water       : Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol: Partition coefficient: n- octanol/water       : Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol: Partition coefficient: n- octanol/water       : log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method log Pow: 7.3 (77 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water       : log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         Method: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         N-(3-(Trimethoxysilyl))propyl)ethylenediamine: Partition coefficient: n- octanol/water       : log Pow: -0.82	dibut	vitin dilaurate:			
octanol/water       pH: 6.1 - 6.3 Method: Partition coefficient (n-octanol/water), Shake-flask method GLP: yes         Quartz (SiO2):       Partition coefficient: n-       :         Partition coefficient: n-       :       Remarks: not applicable         octanol/water       2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n-       :       log Pow: > 6.5 (73 °F / 23 °C)         octanol/water       pH: 6.4       Method: Partition coefficient (n-octanol/water), HPLC method         log Pow: 7.3 (77 °F / 25 °C)       Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:       Partition coefficient: n-         Partition coefficient: n-       :       Remarks: No data available.         octanol/water       :       log Pow: 0.35 (77 °F / 25 °C)         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:       Partition coefficient: n-         Partition coefficient: n-       :       log Pow: 0.35 (77 °F / 25 °C)         octanol/water       :       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:       :         Partition coefficient: n-       :       Remarks: No data available.         octanol/water       :       :       Remarks: No data available.         octanol/water	-		:	log Pow: 3.17 (	69.4 °F / 20.8 °C)
method GLP: yes         Quartz (SiO2): Partition coefficient: n- octanol/water       Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol: Partition coefficient: n- octanol/water       Iog Pow: > 6.5 (73 °F / 23 °C) pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method log Pow: 7.3 (77 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water       Remarks: No data available. octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water       Iog Pow: 0.35 (77 °F / 25 °C) Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       Remarks: No data available. Octanol/water         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       Remarks: No data available. Octanol/water         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       Remarks: No data available. Octanol/water         Method: Partition coefficient: n- octanol/water       Remarks: No data available. Octanol/water	octan	ol/water		pH: 6.1 - 6.3	
GLP: yes         Quartz (SiO2):         Partition coefficient: n- octanol/water       : Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n- octanol/water       : log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method         Dig Pow: 7.3 (77 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate: Partition coefficient: n- octanol/water         bis(2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water         Partition coefficient: n- octanol/water       : log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       : Remarks: No data available. octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine: Partition coefficient: n- octanol/water       : Remarks: No data available.					on coefficient (n-octanol/water), Shake-flask
Partition coefficient: n- octanol/water       : Remarks: not applicable         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n- octanol/water       : log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method log Pow: 7.3 (77 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n- octanol/water       : Remarks: No data available.         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n- octanol/water       : log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient: n- octanol/water         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n- octanol/water       : log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:       : Partition coefficient: n- octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:       : Partition coefficient: n- i log Pow: -0.82					
octanol/water         2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n-       : log Pow: > 6.5 (73 °F / 23 °C)         octanol/water       pH: 6.4         Method: Partition coefficient (n-octanol/water), HPLC method         log Pow: 7.3 (77 °F / 25 °C)         Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C)         octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C)         octanol/water       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water       : Remarks: No data available.         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water       : Remarks: No data available.         Partition coefficient: n-       : log Pow: -0.82	Quart	z (SiO2):			
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol:         Partition coefficient: n-       :       log Pow: > 6.5 (73 °F / 23 °C)         octanol/water       pH: 6.4         Method: Partition coefficient (n-octanol/water), HPLC method         log Pow: 7.3 (77 °F / 25 °C)         Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-       :         cotanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       :         iog Pow: 0.35 (77 °F / 25 °C)         octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       :         iog Pow: 0.35 (77 °F / 25 °C)         octanol/water         bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-       :         iog Pow: 0.35 (77 °F / 25 °C)         octanol/water       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       :         octanol/water         Partition coefficient: n-       :         ioctanol/water         Partition coefficient: n-       : <td></td> <td></td> <td>:</td> <td>Remarks: not a</td> <td>pplicable</td>			:	Remarks: not a	pplicable
Partition coefficient: n- octanol/water       :       log Pow: > 6.5 (73 °F / 23 °C) pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method log Pow: 7.3 (77 °F / 25 °C) Method: other (calculated) <b>bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:</b> Partition coefficient: n- octanol/water       :       Remarks: No data available. <b>bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:</b> Partition coefficient: n- octanol/water       :       log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method <b>Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:</b> Partition coefficient: n- octanol/water       :       Remarks: No data available. <b>Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:</b> Partition coefficient: n- octanol/water       :       Remarks: No data available. <b>Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:</b> Partition coefficient: n- octanol/water       :       Remarks: No data available. <b>Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:</b> Partition coefficient: n- octanol/water       :       Remarks: No data available. <b>Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:</b> Partition coefficient: n- octanol/water       :       Remarks: No data available. <b>Method</b> :       :       :       :       :       : <b>Method</b> :       :       :       :       : <b>Method</b> :       :       :       :       : <b>Method</b> : <t< td=""><td>octano</td><td>ol/water</td><td></td><td></td><td></td></t<>	octano	ol/water			
octanol/water       pH: 6.4 Method: Partition coefficient (n-octanol/water), HPLC method log Pow: 7.3 (77 °F / 25 °C) Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-         cotanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-         cotanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-         cotanol/water         bis(2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-         cotanol/water         bis(1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-         cotanol/water         Method: Partition coefficient: n-         cotanol/water         Nethyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-         cotanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-         log Pow: -0.82	2-(2H	-Benzotriazol-2-yl)-4	,6-dite	ertpentylphenol	:
Method: Partition coefficient (n-octanol/water), HPLC method         log Pow: 7.3 (77 °F / 25 °C)         Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-         octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-         cotanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-         cotanol/water         bis(1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-         octanol/water         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-         cotanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-         iog Pow: -0.82			:	•	(73 °F / 23 °C)
Method: other (calculated)         bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C)         octanol/water       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         Nethyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82	octano	ol/water			on coefficient (n-octanol/water), HPLC metho
Partition coefficient: n-       : Remarks: No data available.         octanol/water       bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C)         octanol/water       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82					
Partition coefficient: n-       : Remarks: No data available.         octanol/water       bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       : log Pow: 0.35 (77 °F / 25 °C)         octanol/water       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82	bis(1.	2.2.6.6-pentamethyl-	4-nin	eridvl)sebacate	
octanol/water         bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:         Partition coefficient: n-       :       log Pow: 0.35 (77 °F / 25 °C)         octanol/water       pH: 7         Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       :         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-         :       log Pow: -0.82	• ·	· · · ·		• •	
Partition coefficient: n- octanol/water       :       log Pow: 0.35 (77 °F / 25 °C) pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate: Partition coefficient: n- octanol/water       :       Remarks: No data available.         N-(3-(Trimethoxysilyl)propyl)ethylenediamine: Partition coefficient: n-       :       log Pow: -0.82					
octanol/water       pH: 7 Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82	bis(2,	2,6,6-tetramethyl-4-p	oiperi	dyl)sebacate:	
Method: Partition coefficient (n-octanol/water), Shake-flask method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       :         Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       :         log Pow: -0.82			:		77 °F / 25 °C)
method         Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:         Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82	octano	ol/water			on coefficient (n-octanol/water). Shake-flask
Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82					
Partition coefficient: n-       : Remarks: No data available.         octanol/water         N-(3-(Trimethoxysilyl)propyl)ethylenediamine:         Partition coefficient: n-       : log Pow: -0.82	Meth	/l 1,2,2,6,6-pentamet	hyl-4-	piperidyl sebac	ate:
<b>N-(3-(Trimethoxysilyl)propyl)ethylenediamine:</b> Partition coefficient: n- : log Pow: -0.82	-	· · · · · ·	-		
Partition coefficient: n- : log Pow: -0.82	octano	ol/water			
	N-(3-(	Trimethoxysilyl)pro	pyl)et	hylenediamine:	
octanol/water Method: other (calculated)			:		
	octano	ol/water		Method: other (	calculated)
	irime	thoxyvinylsilane:			

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Partition coefficient: n- octanol/water		log Pow: 1.1 (68 °F / 20 °C)		
tylbis(pentane-2,4-dio	nato	-O,O')tin:		
ion coefficient: n- nol/water	:	Remarks: Study	technically not feasible.	
um carbonate:				
Partition coefficient: n- octanol/water		Remarks: The v	alue has not been determined because the rganic.	
ium dioxide:				
ion coefficient: n- nol/water	:	Remarks: not ap	plicable	
ic acid:				
tion coefficient: n- nol/water	:	Remarks: No da	ta available.	
		log Pow: 8.23 Method: other (r	neasured)	
lity in soil				
ata available				
r adverse effects				
uct:				
ional ecological infor- on	:	unprofessional h Harmful to aqua	al hazard cannot be excluded in the event of handling or disposal. tic life. tic life with long lasting effects.	
	08/28/2020 ion coefficient: n- iol/water tylbis(pentane-2,4-dio ion coefficient: n- iol/water um carbonate: ion coefficient: n- iol/water ium dioxide: ion coefficient: n- iol/water ic acid: ion coefficient: n- iol/water lity in soil ata available r adverse effects uct: ional ecological infor-	08/28/2020       00         ion coefficient: n-       :         iol/water       :         tylbis(pentane-2,4-dionatorion coefficient: n-       :         ion coefficient: n-       :         iol/water       :         ion coefficient: n-       :         ion/water       :         ion coefficient: n-       :         iol/water       :         iol/water       :         iat available       :         r adverse effects       :         uct:       :         ional ecological infor-       :	08/28/2020000000627634ion coefficient: n- iol/water:log Pow: 1.1 (68tylbis(pentane-2,4-dionato-O,O')tin: ion coefficient: n- iol/water:Remarks: Studyum carbonate: ion coefficient: n- iol/water:Remarks: Studyum carbonate: ion coefficient: n- iol/water:GLP: no Remarks: The visubstance is inoium dioxide: ion coefficient: n- iol/water:Remarks: not ap substance is inoium dioxide: ion coefficient: n- iol/water:Remarks: not ap substance is inoium dioxide: ion coefficient: n- iol/water:Remarks: No da Method: other (nity in soil ata available r adverse effects:An environmenta unprofessional h Harmful to aqua	

## 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

Titanium dioxide Limestone calcium carbonate Di-isononylphthalate bis(2-propylheptyl) phthalate listed	13463-67-7 1317-65-3 471-34-1 28553-12-0 53306-54-0
New Jersey Right To Know	
Titanium dioxide	13463-67-7
bis(2-propylheptyl) phthalate	53306-54-0
Limestone	1317-65-3
calcium carbonate	471-34-1
listed	

### California Prop. 65

WARNING: This product can expose you to chemicals including lead, 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.

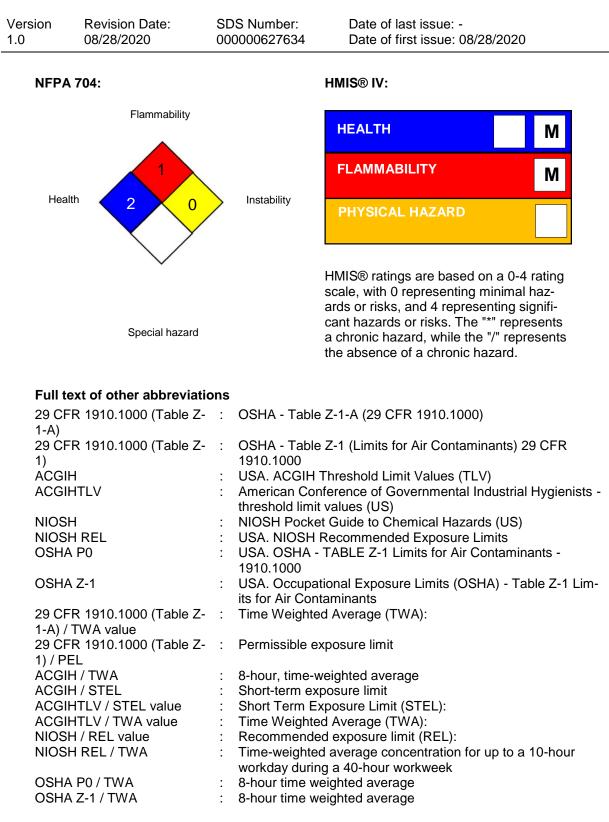
### The ingredients of this product are reported in the following inventories:

TSCA	• •
1004	

On the inventory, or in compliance with the inventory

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

### Further information



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

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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** 

08/28/2020

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.

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