

Version 1.0	Revision Date: 05/06/2021		OS Number: 0000540211	Date of last issue: - Date of first issue: 05/06/2021
SECTIO	N 1. IDENTIFICATION			
Proc	duct name	:	SENERFLEX TE	RSUS M1.5 COL CLR
Proc	luct code	:	00000000005030	04463
Mar	ufacturer or supplier's	deta	ails	
Con	pany name of supplier	:	Sika MBCC US L	LC
Add	ress	:	201 POLITO AVE Lyndhurst NJ 070	-
Eme	ergency telephone	:	ChemTel: +1-813	3-248-0585
Rec	ommended use of the	chen	nical and restriction	ons on use
Rec	ommended use	:	Product for const	ruction chemicals
Res	trictions on use	:	Reserved for indu	ustrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	:	Category 1
Carcinogenicity (Inhalation)	:	Category 1A
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 1 (Lungs)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 2 (Kidney, Immune system)
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	 H317 May cause an allergic skin reaction. H350 May cause cancer by inhalation. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled. H373 May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.



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Preca	autionary Statements	P202 Do not h and understood P260 Do not b P264 Wash ski P270 Do not e P272 Contamir the workplace.	reathe dust/ fume/ gas/ mist/ vapors/ spray. in thoroughly after handling. at, drink or smoke when using this product. nated work clothing must not be allowed out of otective gloves/ protective clothing/ eye protection
		P308 + P313 II attention. P333 + P313 If attention.	F ON SKIN: Wash with plenty of soap and water. F exposed or concerned: Get medical advice/ f skin irritation or rash occurs: Get medical advice/ ntaminated clothing before reuse.
		Storage: P405 Store loc	ked up.
		Disposal:	of contents/ container to an approved waste dis-
••	r hazards known.		

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Preparation based on: inorganic compounds

Components

Chemical name	CAS-No.	Concentration (% w/w)
Quartz (SiO2)	14808-60-7	>= 30 - < 50
Mica group minerals	12001-26-2	>= 1 - < 5
Kieselguhr, soda ash flux-calcined	68855-54-9	>= 1 - < 5
Kaolin	1332-58-7	>= 0.1 - < 1
1,3,5-Triazine-1,3,5(2H,4H,6H)- triethanol	4719-04-4	>= 0.1 - < 1
Distillates (petroleum), solvent- dewaxed heavy paraffinic	64742-65-0	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

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SECTION 4. FIRST AID MEASURES

General advice

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

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If in	haled	:		r after vapour/aerosol has been inhaled, ir and seek medical attention.
In c	In case of skin contact		and soap. Under no circums	skin, wash immediately with plenty of water stances should organic solvent be used. ps, seek medical attention.
In c	ase of eye contact	:	to 20 minutes. Re minutes, then cor	nd rinse slowly and gently with water for 15 move contact lenses, if present, after first 5 itinue rinsing. rsists, consult a specialist.
If sv	vallowed	:	Immediately rinse seek medical atte Do NOT induce v	
	at important symptoms effects, both acute and ayed	:	Causes damage t exposure if inhale May cause an alle May cause cance Causes damage t exposure if inhale	ergic skin reaction. r by inhalation. to organs through prolonged or repeated ed. eated inhalation of respirable crystalline silica
Note	es to physician	:	Treat symptomati	cally.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam Water spray Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	water jet
Specific hazards during fire fighting	:	See SDS section 10 - Stability and reactivity.
Hazardous combustion prod- ucts	:	harmful vapours nitrogen oxides fumes/smoke carbon black carbon oxides
Further information	:	The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in



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				accordance with c	fficial regulations.
	Special for fire-		:	Wear a self-conta	ined breathing apparatus.
SEC	TION 6	ACCIDENTAL RELE	ASI	EMEASURES	
	Personal precautions, protec- tive equipment and emer- gency procedures		:	Wear eye/face pro If exposed to high ately. Use personal prot	vapour concentration, leave area immedi- ective clothing. nce with good building materials hygiene
	Environ	mental precautions	:		ated water/firefighting water. into drains/surface waters/groundwater.
		s and materials for ment and cleaning up	:	acid binder, unive	absorbent material (e.g. sand, silica gel, rsal binder, sawdust). closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Dispose of rinse water in accordance with local and national regulations. 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.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.
Further information on stor- age conditions	:	Keep only in the original container in a cool, dry, well- ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.
Recommended storage tem- perature	:	> 32 °F / > 0 °C
Further information on stor- age stability	:	PROTECT FROM FREEZING.



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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
Quartz (SiO2)	14808-60-7	TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1
		TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH
		PEL (respir- able)	0.05 mg/m3	OSHA CARC
		TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
Mica group minerals	12001-26-2	TWA value (Respirable fraction)	3 mg/m3	ACGIHTLV
		REL value (Respirable)	3 mg/m3	NIOSH
		TWA value (Respirable dust)	3 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value	20 millions of particles per cubic foot of air	29 CFR 1910.1000 (Table Z-3)
		TWA (Res- pirable par- ticulate mat- ter)	3 mg/m3	ACGIH
		TWA (Dust)	20 Million parti- cles per cubic foot	OSHA Z-3
		TWA (Res- pirable)	3 mg/m3	NIOSH REL
		TWA (respir- able dust fraction)	3 mg/m3	OSHA P0
Kieselguhr, soda ash flux- calcined	68855-54-9	REL value	6 mg/m3	NIOSH
		TWA value	20 millions of particles per cubic foot of air	29 CFR 1910.1000 (Table Z-3)
		TWA value	0.8 mg/m3	29 CFR



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					1910.1000 (Table Z-3)	
			OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
			TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
			TWA (Dust)	20 Million parti- cles per cubic foot (Silica)	OSHA Z-3	
			TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3	
			TWA	6 mg/m3 (Silica)	NIOSH REL	
Kaolir	<u></u>	1332-58-7	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLV	
			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)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-/	
			TWA (Res- pirable par- ticulate mat- ter)	2 mg/m3	ACGIH	
			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)	10 mg/m3	OSHA P0	
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0	
	ates (petroleum), solvent- xed heavy paraffinic	64742-65-0	TWA value (Inhalable fraction)	5 mg/m3	ACGIHTLV	



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			STEL value (Mist)	10 mg/m3	NIOSH		
			REL value (Mist)	5 mg/m3	NIOSH		
			REL value	350 mg/m3	NIOSH		
			Ceil_Time	1,800 mg/m3	NIOSH		
			PEL (Mist)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)		
			TWA value (Mist)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-		
			TWA (Mist)	5 mg/m3	OSHA Z-1		
			TWA (Inhal- able particu- late matter)	5 mg/m3	ACGIH		
			TWA (Mist)	5 mg/m3	OSHA P0		
			TWA (Mist)	5 mg/m3	NIOSH RE		
			ST (Mist)	10 mg/m3	NIOSH RE		
Hand	protection						
Re	emarks		r use should be c	ective gloves. Manu bserved because o			
Eye p	rotection	: Safety glass	es with side-shie	lds.			
Skin a	and body protection	possible exp		sen depending on a protection, apron, it.			
Protec	ctive measures	Avoid contac Avoid expos Handle in ac and safety p	Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended.				
Hygie	ne measures	Hands and/o the end of th At the end o care agents Remove cor re-use or dis Gloves must	e shift. f the shift the skir applied. ataminated clothir pose it if necess	washed before bre n should be cleaned ng immediately and ary. gularly and prior to	d and skin- clean before		





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SECTION 9	. PHYSICAL AND CH	ЕМІС		S
Appear	ance	:	viscous liquid	
Color		:	off-white	
Odor		:	mild, acrylic-like	
Odor T	hreshold	:	not determined	
рН		:	8.5 - 9.5 (74 °F /	23 °C)
Melting	point	:	No data available	e
Boiling	point	:	No data available	e
Flash p	point	:	> 200 °F / > 93 °	с
			Method: Standar Closed Tester	d Method of Test for Flash Point by Setaflash
Evapor	ation rate	:	No data available	e
Flamm	ability (liquids)	:	Not classified as	a flammability hazard
Self-igr	nition	:	Based on the wa	ter content the product does not ignite.
	explosion limit / Upper ability limit	:	No data available	e
	explosion limit / Lower ability limit	:	No data available	e
Vapor p	oressure	:	No data available	e
Relativ	e vapor density	:	No data available	e
Relativ	e density	:	No data available	e
Density	/	:	15 lb/USg (74 °F	7 / 23 °C)
Solubili Wat	ity(ies) er solubility	:	No data available	e
Solu	ubility in other solvents	:	No data available	e
Partitio octanol	n coefficient: n- l/water	:	No data available	e

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	Autoigr	nition temperature	:	Based on the wa	ter content the product does not ignite.	
	Decom	position temperature	:		No decomposition if stored and handled as pre- scribed/indicated.	
	Viscosi Visc	ity cosity, dynamic	:	114 mPa.s (74 °l	= / 23 °C)	
	Viso	cosity, kinematic	:	No data available	9	
	Explos	ive properties	:	Not explosive		
	Oxidizi	ng properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified	
	Sublimation point		:	No data available		
	Molecular weight		:	No data available		
SEC	SECTION 10. STABILITY AND R		EAC	ΤΙVITY		
	Reactiv	vity	:	No hazardous re scribed/indicated	actions if stored and handled as pre-	
	Chemi	cal stability	:	The product is st scribed/indicated	able if stored and handled as pre-	
	Possib tions	ility of hazardous reac-	:	The product is st scribed/indicated	able if stored and handled as pre-	
	Conditi	ons to avoid	:	See SDS section	7 - Handling and storage.	
	Incomp	patible materials	:	Strong acids Strong bases Strong oxidizing Strong reducing		

Hazardous decomposition: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.

Serious eye damage/eye irritation

Not classified based on available information.



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Res	piratory o	r skin sensitiz	ation						
Skir	Skin sensitization								
Мау	May cause an allergic skin reaction.								
Res	Respiratory sensitization								
Not	classified b	based on availa	ble information.						
Ger	m cell mut	agenicity							
Not	classified b	based on availa	ble information.						
	cinogenici	-							
May IAR	/ cause car C	14808-6	0-7						
		Group 1: Caro Kaolin (Silica dust, c	1332-58	-7					
		Distillates (pe	cinogenic to humans troleum), solvent-dewa untreated or mildly trea		nic	64742-65-0			
OSI	ΗA	OSHA specifi Quartz (SiO2) (crystalline sil		gen	14808-6	0-7			
NTF	5	Quartz (SiO2) (Silica, Crysta	alline (Respirable Size))	14808-6	0-7			
		Kaolin (Silica, Crysta	human carcinogen alline (Respirable Size))	1332-58	-7			
		Distillates (pe	human carcinogen troleum), solvent-dewa Untreated and Mildly		nic	64742-65-0			

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled. May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

Further information

Product:



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Rema	arks		: The product has not been tested. The statements on toxicolo- gy have been derived from the properties of the individual components.		
SECTION	12. ECOLOGICAL IN	IFORMATION			
Ecote	oxicity				
Prod	uct:				
Ecot	oxicology Assessme	nt			
Acute	e aquatic toxicity	: This product h	as no known ecotoxicological effects.		
Chro	nic aquatic toxicity	: This product h	as no known ecotoxicological effects.		
	stence and degrada	bility			
	ccumulative potentia ata available	I			
	lity in soil ata available				
Othe	r adverse effects				
Prod Addit matic	ional ecological infor-	The product ha	ge product into the environment without control. as not been tested. The statements on ecotoxi- een derived from the properties of the individual		
SECTION	13. DISPOSAL CON	SIDERATIONS			
Disp	osal methods				

Waste from residues	Dispose of in accordance with national, state and loca tions. Residues should be disposed of in the same manner substance/product. Do not discharge into drains/surface waters/groundwa	as the
Contaminated packaging	Contaminated packaging should be emptied as far as ble; then it can be passed on for recycling after being oughly cleaned.	•
	Packs that cannot be cleaned should be disposed of a same manner as the contents.	n the

SECTION 14. TRANSPORT INFORMATION

International Regulations



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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
Mica group minerals	12001-26-2
Kieselguhr, soda ash flux-calcined	68855-54-9
ethylene glycol	107-21-1
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0
ammonia	7664-41-7
ammonia, aqueous solution	1336-21-6
New Jersey Right To Know	
Quartz (SiO2)	14808-60-7
Mine group minerale	10001 00 0

	14000 00 1
Mica group minerals	12001-26-2
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0

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, and

ethylene glycol, 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.

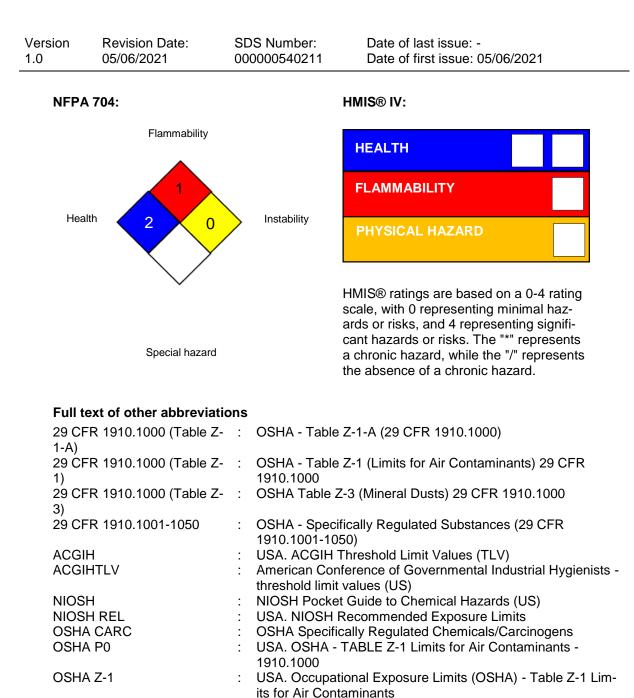
The ingredients of this product are reported in the following inventories:

TSCA	:	All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
DSL	:	All components of this product are on the Canadian DSL

SECTION 16. OTHER INFORMATION

Further information





OSHA Z-3

eral Dusts 29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):

USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

1-A) / TWA value		
29 CFR 1910.1000 (Table Z-	:	Permissible exposure limit
1) / PEL		
29 CFR 1910.1000 (Table Z-	:	Time Weighted Average (TWA):
3) / TWA value		
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):
NIOSH / Ceil_Time	:	Ceiling Limit Value and Time Period (if specified):





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NIOSH	H / REL value	: Recommen	: Recommended exposure limit (REL):				
NIOSł	H / STEL value	: Short Term	: Short Term Exposure Limit (STEL):				
NIOSI	H REL / TWA		Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek				
NIOSI	HREL/ST		STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday				
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				

AIIC - Australian Inventory of Industrial Chemicals; 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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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