

Version 1.1	Revision Date: 01/28/2021		9S Number: 0000891683	Date of last issue: 11/13/2020 Date of first issue: 11/13/2020
SECTION	1. IDENTIFICATION			
Prod	uct name	:	SENERFLEX TE	RSUS T0.5 COL CLR
Prod	uct code	:	000000000506	02452
Manu	ufacturer or supplier's	deta	iils	
Com	pany name of supplier	:	Sika MBCC US I	_LC
Addro	ess	:	201 POLITO AV Lyndhurst NJ 07	—
Emei	rgency telephone	:	ChemTel: +1-81	3-248-0585
Reco	ommended use of the	chen	nical and restrict	ions on use
Reco	mmended use	:	Product for cons	truction chemicals
Rest	rictions on use	:	Reserved for ind	ustrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accord	dan	
Skin sensilization	·	Category 1
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)
Germ cell mutagenicity	:	Category 1B
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.



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		through pr		age to organs (Kidney, Immune system) epeated exposure if inhaled. tic defects.				
Preca	autionary Statements	P202 Do n and under P260 Do n P264 Was P270 Do n	in special in ot handle ur stood. ot breathe d h skin thorou ot eat, drink caminated we	structions before use. htil all safety precautions have been read lust/ fume/ gas/ mist/ vapours/ spray. ughly after handling. or smoke when using this product. ork clothing must not be allowed out of				
		P280 Wea face prote	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.					
		P308 + P3 attention. P333 + P3 attention.	52 IF ON Sł 13 IF expos 13 If skin irri	KIN: Wash with plenty of soap and water ed or concerned: Get medical advice/ itation or rash occurs: Get medical advice ted clothing before reuse.				
		Storage: P405 Store	Storage: P405 Store locked up.					
	Disposal: P501 Dispose of contents/ container to an approved waste posal plant.							
None	r hazards known.							
	3. COMPOSITION/INI							
Cherr	nical nature	: No applica	ble informat	ion available.				
	ponents							
	nical name	CAS-N		Concentration (% w/w)				
Quart	tz (SiO2)	14808	-60-7	>= 50 - < 70				

	•						
Quartz (SiO2)	14808-60-7	>= 50 - < 70					
1,3,5-Triazine-1,3,5(2H,4H,6H)-	4719-04-4	>= 0.1 - < 1					
triethanol							
Distillates (petroleum), solvent-	64742-65-0	>= 0.1 - < 1					
dewaxed heavy paraffinic							
Actual concentration is withheld as	Actual concentration is withheld as a trade secret						

Actual concentration is withheld as a trade secret

:

SECTION 4. FIRST AID MEASURES

General advice

Move out of dangerous area. Show this material safety data sheet to the doctor in attendance.





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			Do not leave the	victim unattended.
If in	haled	:	advice.	ace in recovery position and seek medical ist, call a physician.
In c	ase of skin contact	:	lf on skin, rinse w	ell with water.
In c	ase of eye contact	:	Remove contact I Protect unharmed Keep eye wide op	d eye.
lf sv	vallowed	:	Keep respiratory Do not give milk of Never give anythi If symptoms pers	mmediately and call a physician. tract clear. or alcoholic beverages. ng by mouth to an unconscious person. ist, call a physician. idiately to hospital.
and	st important symptoms effects, both acute and ayed	:	•	ergic skin reaction. to organs through prolonged or repeated ed.
Note	es to physician	:	Treat symptomati	cally.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire fighting	:	Aqueous preparation
		Non-flammable (aqueous solution). In case of fire may form a hazard after evaporation of water and further heating of the product; see combustion gases/decomposition products.
		See SDS section 10 - Stability and reactivity.
Hazardous combustion prod- ucts	:	harmful vapours
		oxides
		carbon compounds
Further information	:	Standard procedure for chemical fires.



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				g measures that are appropriate to local cir- the surrounding environment.
•	ial protective equipment e-fighters	:	Wear self-contair essary.	ned breathing apparatus for firefighting if nec
SECTION	6. ACCIDENTAL RELE	AS	E MEASURES	
tive e	onal precautions, protec- quipment and emer- y procedures	:	Use personal pro	tective equipment.
Envir	onmental precautions	:	Prevent further le	rom entering drains. eakage or spillage if safe to do so. ntaminates rivers and lakes or drains inform rities.
	ods and materials for inment and cleaning up	:	acid binder, unive	t absorbent material (e.g. sand, silica gel, ersal binder, sawdust). closed containers for disposal.
SECTION	7. HANDLING AND ST	OR	AGE	
	e on protection against nd explosion	:	Normal measures	s for preventive fire protection.
Advic	e on safe handling	:	Avoid contact wit For personal prot	obtain special instructions before use.

Smoking, eating and drinking should be prohibited in the application 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.

Materials to avoid	:	No applicable information available.
Further information on stor- age stability	:	No data available



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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 value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
		TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
		OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
		REL value (Respirable dust)	0.05 mg/m3	NIOSH
		TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1
		TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH
		PEL (respir- able)	0.05 mg/m3	OSHA CARC
		TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
crystalline silica	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
		REL value (Respirable dust)	0.05 mg/m3	NIOSH
		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
		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



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			TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0
			TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH
			PEL (respir- able)	0.05 mg/m3	OSHA CAF
			TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH RE
Engir	neering measures	: No ap	oplicable information ava	ailable.	
Perso	onal protective equip	ment			
Resp	iratory protection	tional	n workers are facing con exposure limits they mu rators.		
Hand	protection				
Re	emarks		uitability for a specific w he producers of the prot		e discussed
Eye p	protection		Eye wash bottle with pure water Tightly fitting safety goggles		
Skin a	and body protection	Choo	vious clothing se body protection acco ation of the dangerous s		
Prote	ctive measures	Avoid Avoid Hand and s	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	ene measures	Wher	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.		
CTION	9. PHYSICAL AND C	HEMICAL P	ROPERTIES		
Appe	arance	: highl	y viscous		
Color		: beig	9		
Odor		: mild			
	Threshold		No data available		





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	рН		:	9.5	
	Melting point		:	No applicable inf	ormation available.
	Boiling	point	:	No applicable inf	ormation available.
	Flash p	oint	:	approx. 199.99 °	= / 93.33 °C
	Evapor	ation rate	:	No applicable inf	ormation available.
	Flamma	ability (solid, gas)	:	Based on the stru flammability	ucture or composition there is no indication of
		explosion limit / Upper bility limit	:	No applicable inf	ormation available.
		explosion limit / Lower bility limit	:	No applicable inf	ormation available.
	Vapor p	pressure	:	No applicable inf	ormation available.
	Relative	e vapor density	:	No applicable inf	ormation available.
	Relative	e density	:	No applicable inf	ormation available.
	Density	,	:	approx. 1.7400 g	/cm3 (73.40 °F / 23.00 °C)
	Solubili Wat	ty(ies) er solubility	:	No applicable inf	ormation available.
	Solu	bility in other solvents	:	No applicable inf	ormation available.
	Partitio octanol	n coefficient: n- /water	:	No applicable inf	ormation available.
	Autoigr	ition temperature	:	No applicable inf	ormation available.
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-
	Viscosi				
	Visc	osity, dynamic	:	No applicable inf	ormation available.
	Visc	osity, kinematic	:	No applicable inf	ormation available.
	Oxidizir	ng properties	:	Not an oxidizer.	
	Sublima	ation point	:	No applicable inf	ormation available.
	Molecu	lar weight	:	No data available	3

SECTION 10. STABILITY AND REACTIVITY



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Reactivity		:	No decompositio	n if stored and applied as directed.	
	Chemio	cal stability	:	No decompositio	n if stored and applied as directed.
	Possibi tions	lity of hazardous reac-	:	No decompositio	n if stored and applied as directed.
	Conditi	ons to avoid	:	See SDS section	7 - Handling and storage.
	Incomp	patible materials	:	Strong acids Strong bases Strong oxidizing Strong reducing	•
	Hazard produc	ous decomposition ts	:	No hazardous de as prescribed/inc	ecomposition products if stored and handled licated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

	Pr	od	uc	t:	
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Acute oral toxicity		Remarks: No applicable information available.
Acute inhalation toxicity	:	Remarks: No applicable information available.
		Acute toxicity estimate: > 200 mg/l Exposure time: 4 h Test atmosphere: vapor Method: Calculation method
Acute dermal toxicity	:	Remarks: No applicable information available.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer by inhalation.



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Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Lung) 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.

Product:

No aspiration hazard expected.

Further information

Product:

Remarks

Prolonged or repeated inhalation of respirable crystalline silica (quartz) may result in silicosis. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available
Persistence and degradability

No data available

Bioaccumulative potential

Components:

1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol:

Partition coefficient: n-	:	log Pow: -2 (75 °F / 24 °C)
octanol/water		pH: 7
		Method: Partition coefficient
		GLP: yes

:

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-	:	There is a high probability that the product is not acutely
mation		harmful to aquatic organisms.
		The product has not been tested. The statements on ecotoxi-
		cology have been derived from the properties of the individual



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		components			
SECTION	I 13. DISPOSAL CONS	DERATIONS			
Disp	osal methods				
Wast	te from residues	Do not conta cal or used c	Do not discharge into drains/surface waters/groundwater. Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Dispose of in accordance with national, state and local regula- tions.		
Cont	aminated packaging		ed packaging should be emptied as far as possible d of in the same manner as the sub- act.		
SECTION	I 14. TRANSPORT INF	ORMATION			
Inter	national Regulations				
UNR Not r	TDG regulated as a dangero	us good			
	-DGR regulated as a dangero	us good			
	Codo				

IMDG-Code Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 313

: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

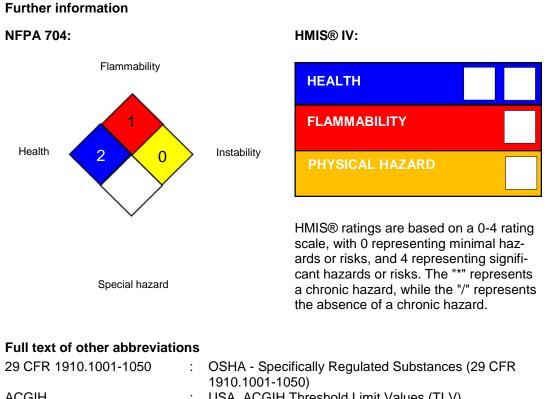
US State Regulations

Pennsylvania Right To Know	
Quartz (SiO2)	14808-60-7
New Jersey Right To Know	
crystalline silica	14808-60-7
California Prop. 65	



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		ch is/are known to the	icals including Quartz (SiO2), Quartz (SiO2), e State of California to cause cancer. For more
The ingredients of this product are report		duct are reported in	the following inventories:
DSL		: All components	of this product are on the Canadian DSL
TSCA			ostances in this product are either listed as SCA Inventory or are in compliance with a v exemption.

SECTION 16. OTHER INFORMATION



		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 1910.1001-1050 /	:	OSHA Action level:
OSHA Action level		
29 CFR 1910.1001-1050 /	:	Time Weighted Average (TWA):



SENERFLEX TERSUS T0.5 COL CLR

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ACGIH NIOSH NIOSH	alue / TWA TLV / TWA value / REL value REL / TWA CARC / PEL		verage (TWA): exposure limit (REL): verage concentration for up to a 10-hour a 40-hour workweek
OSHA OSHA	P0 / TWA Z-1 / TWA Z-3 / TWA	 8-hour time weigl 8-hour time weigl 8-hour time weigl 	hted average hted 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 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



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our operations on society and the environment during production, storage, transport, use and disposal of our products.

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