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1. Identification

Product name	:	Sikacoat® FC3500
Supplier	:	Sika Corporation
Address	:	201 Polito Avenue Lyndhurst, NJ 07071 USA www.sikausa.com
Telephone	:	(201) 933-8800
Telefax	:	(201) 804-1076
Emergency telephone	:	CHEMTREC: 800-424-9300 INTERNATIONAL: 703-527-3887 ehs@sika-corp.com
Recommended use of the chemical and restrictions on use	:	For further information, refer to the product technical data sheet.

2. Hazards identification

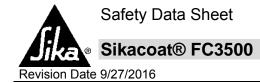
GHS Classification

GHS Label element

Carcinogenicity , Category 1A Specific target organ systemic toxicity repeated exposure , Category 2, Kidney , Liver

H350: May cause cancer. H373: May cause damage to organs through prolonged or repeated exposure.

Hazard pictograms :	
Signal Word :	Danger
Hazard Statements :	H350 May cause cancer. H373 May cause damage to organs (Kidney, Liver) through prolonged or repeated exposure.
Precautionary Statements :	 Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. P281 Use personal protective equipment as required. Response: P308 + P313 IF exposed or concerned: Get medical advice/ attention. Storage:



P405 Store locked up. **Disposal:** P501 Dispose of contents/ container to an approved waste disposal plant.

See Section 11 for more detailed information on health effects and symptoms.

3. Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 10 - < 20 %
Titanium dioxide	13463-67-7	>= 5 - < 10 %
ethanediol	107-21-1	>= 2 - < 5 %

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Induce vomiting immediately and call a physician. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	carcinogenic effects
uciayeu		See Section 11 for more detailed information on health effects and symptoms.
Protection of first-aiders	:	Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.
Notes to physician	:	Treat symptomatically.



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5. Fire-fighting measures

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific extinguishing methods	 Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Deny access to unprotected persons.
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. Handling and storage

Advice on safe handling	 Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.
Conditions for safe storage	 Prevent unauthorized access. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.
Materials to avoid	: no data available

8. Exposure controls/personal protection



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Component	CAS-No.	Basis **	Value	Exposure limit(s)* /
Component		Dusis	Value	Form of exposure
Quartz (SiO2)	14808-60-7	ACGIH	TWA	0.025 mg/m3
				Respirable fraction
		OSHA Z-3	TWA	
				30 mg/m3/%SiO2+2 total dust
		OSHA Z-3	TWA	
				10 mg/m3/%SiO2+2 respirable
		OSHA Z-3	TWA	
				250 mppcf/%SiO2+5 respirable
		OSHA P0	TWA	0.1 mg/m3
				Respirable fraction
titanium dioxide	13463-67-7	ACGIH	TWA	10 mg/m3
		OSHA P0	TWA	10 mg/m3
				Total
		OSHA Z-1	TWA	15 mg/m3
				total dust
ethanediol	107-21-1	OSHA P0	С	50 ppm
				125 mg/m3
		ACGIH	С	100 mg/m3

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**Basis

ACGIH. Threshold Limit Values (TLV) OSHA P0. Table Z-1, Limit for Air Contaminat (1989 Vacated Values) OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant OSHA P2. Permissible Exposure Limits (PEL), Table Z-2 OSHA Z3. Table Z-3, Mineral Dust

Engineering measures : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protective equipment

Respiratory protection	:	Use a properly fitted NIOSH approved air-purifying or air-fed
		respirator complying with an approved standard if a risk
		assessment indicates this is necessary.

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	The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.	3
Hand protection		
Remarks	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.	I
Eye protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.	
Skin and body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.	
Hygiene measures	Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.	9

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9. Physical and chemical properties

Appearance	:	viscous liquid
Color	:	opaque
Odor	:	mild
Odor Threshold	:	no data available
Flash point	:	ca. > 212 °F (> 100 °C)
Ignition temperature	:	not applicable
Decomposition temperature	:	no data available
Lower explosion limit (Vol%)	:	no data available
Upper explosion limit (Vol%)	:	no data available
Flammability (solid, gas)	:	no data available
Oxidizing properties	:	no data available
Autoignition temperature	:	no data available
рН	:	Note: not applicable
Melting point/range /	:	no data available
Freezing point Boiling point/boiling range	:	no data available

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Vapor pressure	:	no data available
Density	:	ca.1.03 g/cm3 at 73 °F (23 °C)
Water solubility	:	Note: soluble
Partition coefficient: n- octanol/water	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	ca.> 20.5 mm2/s at 104 °F (40 °C)
Relative vapor density	:	no data available
Evaporation rate	:	no data available
Burning rate	:	no data available
Volatile organic compounds (VOC) content	:	20 g/l

10. Stability and reactivity

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: no data available
Incompatible materials	: no data available

11. Toxicological information

Acute toxicity

Product

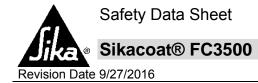
Acute oral toxicity	:	no data available
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available

Skin corrosion/irritation

Product

no data available

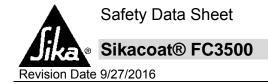
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Serious eye damage/eye irritation	n	
Product		
no data available		
Respiratory or skin sensitization		
<u>Product</u>		
no data available		
Germ cell mutagenicity		
Product		
Mutagenicity	: no data available	
Carcinogenicity		
Product		
Carcinogenicity	: May cause cancer.	
IARC	Group 1: Carcinogenic to human	าร
	Quartz (SiO2) Group 2B: Possibly carcinogeni	14808-60-7
	titanium dioxide	13463-67-7
NTP	Known to be human carcinogen	
Reproductive Toxicity/Fertility	Quartz (SiO2)	14808-60-7
Product		
Reproductive toxicity	: no data available	
Reproductive Toxicity/Developm	ent/Teratogenicity	
<u>Product</u>		
Teratogenicity	: no data available	
STOT-single exposure		
STOT-single exposure <u>Product</u>		
Product		
Product Assessment: no data available		
Product Assessment: no data available STOT-repeated exposure		
Product Assessment: no data available STOT-repeated exposure <u>Product</u> Assessment: no data available		
Product Assessment: no data available STOT-repeated exposure Product		

Product

no data available



12. Ecological information

Other information	Do not empty into drains; dispose of this material and its
	container in a safe way.
	Avoid dispersal of spilled material and runoff and contact
	with soil, waterways, drains and sewers.

13. Disposal considerations

Disposal methods	
Waste from residues	: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Contaminated packaging	: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not dangerous goods IATA Not dangerous goods IMDG Not dangerous goods

Special precautions for user no data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not applicable

15. Regulatory information

TSCA list

: On TSCA Inventory

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

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SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	Chronic Health Hazard
SARA 302	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 :	The following components are subject to reporting levelsestablished by SARA Title III, Section 313:ethanediol107-21-12.00 %
Clean Air Act	
Ozone-Depletion Potential	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
The following chemical(s) are li 61):	sted as HAP under the U.S. Clean Air Act, Section 12 (40 CFR
This product does not contain a Accidental Release Prevention Clean Water Act This product does not contain a Section 311, Table 116.4A. This product does not contain a Section 311, Table 117.3.	ethanediol 107-21-1 2.00 % any chemicals listed under the U.S. Clean Air Act Section 112(r) for (40 CFR 68.130, Subpart F). any Hazardous Substances listed under the U.S. CleanWater Act, any Hazardous Chemicals listed under the U.S. CleanWater Act, any toxic pollutants listed under the U.S. Clean Water Act Section
California Prop 65	WARNING! This product contains a chemical known in the State of California to cause cancer.

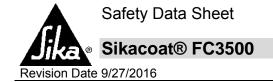
16. Other information

HMIS Classification

Health •	3
Flammability	1
Physical Hazard	0
Personal Protection	X

Caution: HMIS[®] rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS[®] rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS[®] rating is to be used with a fully implemented HMIS[®] program. HMIS[®] is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS[®] attempts to convey full health warning information to all employees.

Notes to Reader



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Material number: 447123