SAFETY DATA SHEET

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200

1. Identification of the substance or mixture and of the supplier

1.1 Product identifier:

Product name: CAF 530 WHITE **Product No.:** PRCO90053049

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Used for making joints, sealing and gluing.
Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet:

Manufacturer:
Elkem Silicones France SAS
1-55 rue des Frères Perret
F-69192 SAINT FONS Cedex
FRANCE

Telephone: +33 (0) 4 72 73 74 75
Fax: +33 (0) 4 72 73 75 99

E-mail: fds.sil@elkem.com

Supplier:
Elkem Silicones USA Corp.
Two Tower Blvd, Suite 1802
08816-1100 East Brunswick, NJ
USA

Telephone: +1 (732) 227-2060
Fax: +1 (732) 249-7000

1.4 Emergency telephone number:

+1 (800) 424-9300 CHEMTREC

2. Hazard identification

2.1 Classification of the substance or mixture:

The product has been classified according to the legislation in force.

Hazard Classification:

Health Hazards:

Toxic to reproduction	Category 2	H361f: Suspected of damaging fertility.

2.2 Label Elements:

Hazard pictograms:

Signal Word: Warning

Hazard statements: H361f: Suspected of damaging fertility.

Precautionary Statements:

Prevention: P201: Obtain special instructions before use.

Response: P308+P313: IF exposed or concerned: Get medical advice/attention.

2.3 Other hazards which do not result in GHS classification:

No other information noted.

Substance(s) formed under the conditions of use:

Chemical name	Concentration	CAS number	Classification
Ethanol	<0.5%	64-17-5	Flam. Liq. 2 ; Acute Tox. 4 ; STOT SE 1 ; None known.
Methanol	<2.1%	67-56-1	Flam. Liq. 2 H225; Acute Tox. 3 H301; Acute Tox. 3 H331; Acute Tox. 3 H311; STOT SE 1 H370;

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16.

3. Composition/information on ingredients

Mixtures:

General information:
Mixture of polydimethylsiloxanes, silica and curing agents.

Hazardous Component(s):

Chemical name	Concentration *	Type	CAS number	Classification
(1) Calcium carbonate	20 - <50%	Component	471-34-1	None known.
Fatty acids, C16-18	1 - <5%	Impurities	67701-03-5	Skin Irrit. 2 H315; Eye Irrit. 2 H319;
Octamethylcyclotetrasiloxane	0.01 - <0.25%	Impurities	556-67-2	Flam. Liq. 3 H226; Repr. 2 H361; Aquatic Chronic 1 H410; Aquatic Toxicity (Chronic): M = 10
Bis(ethylacetoacetato-O1',O3) bis(propan-2-olato)titanium	1 - <5%	Component	27858-32-8	Flam. Liq. 3 H226; Eye Dam. 2 H319; STOT SE 3 H336;

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16.

4. First-aid measures

General information:
No specific first aid measures noted.

4.1 Description of first aid measures:

Inhalation:
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact:
Wash skin with soap and water. Get medical attention if symptoms occur after washing.

Eye Contact:
In the event of contact with the eyes, rinse thoroughly with clean water for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Ingestion:
Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if symptoms occur.

Personal Protection for First-aid Responders:
First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). Refer to sections 5 and 8 for information on emergency procedures and protective equipment.

4.2 Most important symptoms and effects, both acute and delayed:

No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed:

Notes to the physician:
No specific recommendations.

5. Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:
Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media:
Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture:

Product will burn under fire conditions. Thermal decomposition or combustion may liberate carbon oxides, silicon oxides and other toxic gases or vapors.

5.3 Advice for firefighters:

Special fire-fighting procedures:
Use standard firefighting procedures and consider the hazards of other involved materials. Remove undamaged containers from fire area if it is safe to do so. Evacuate to a safe location and contact the emergency services. Water spray should be used to cool containers.

Special protective equipment for fire-fighters:
Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ventilate the area. Do not breathe vapor. Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

6.2 Environmental Precautions:

Do not discharge into drains, water courses or onto the ground. Collect spillage.

6.3 Methods and material for containment and cleaning up:

Absorb with sand or other inert absorbent and place into containers.

6.4 Reference to other sections:

Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the SDS.

7. Handling and storage

7.1 Precautions for safe handling:

Precautions:
No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product. In case of spills, beware of slippery floors and surfaces.

Hygiene measures:
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

7.2 Conditions for safe storage, including any incompatibilities:

Store in accordance with local/regional/national regulations. Store in tightly closed original container in a dry and cool place.

Packaging frequently used at our sites:
Steel drums coated with epoxy-resin.

7.3 Specific end use(s):

No specific recommendations.
See the technical data sheet on this product for further information.

8. Exposure controls/personal protection

8.1 Control Parameters:

Occupational Exposure Limits:
Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.

Additional exposure limits under the conditions of use:

Ethanol

Type	Exposure Limit Values		Source	Date	Remarks
REL	1,000 ppm	1,900 mg/m3	NIOSH	2005	
PEL	1,000 ppm	1,900 mg/m3	OSHA Z1	02 2006	
TWA	1,000 ppm	1,900 mg/m3	OSHA Z1A	1989	
STEL	1,000 ppm	-	ACGIH	2009	
IDLH	3,300 ppm	-	NIOSH IDLH	10 2017	IDLH values based on the 1994 Revised Criteria

LEL	-	3.3 %	NIOSH IDLH	10 2017	

Methanol

Type	Exposure Limit Values		Source	Date	Remarks
IDLH	6,000 ppm	-	NIOSH IDLH	10 2017	IDLH values based on the 1994 Revised Criteria
STEL	250 ppm	325 mg/m3	NIOSH	2005	
SKIN_DES	-	-	NIOSH	2005	Can be absorbed through the skin.
REL	200 ppm	260 mg/m3	NIOSH	2005	
TWA	200 ppm	-	ACGIH	2008	
PEL	200 ppm	260 mg/m3	OSHA Z1	02 2006	
TWA	200 ppm	260 mg/m3	OSHA Z1A	1989	
STEL	250 ppm	-	ACGIH	2008	
STEL	250 ppm	325 mg/m3	OSHA Z1A	1989	
SKIN_FINAL	-	-	OSHA Z1A	1989	Can be absorbed through the skin.
SKIN_DES	-	-	ACGIH	03 2019	Danger of cutaneous absorption
LEL	-	6.0 %	NIOSH IDLH	07 2020	

8.2 Exposure controls:

Appropriate Engineering Controls:
Use engineering controls to reduce air contamination to permissible exposure level. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment:
Provide sufficient ventilation during operations which cause vapor formation. Personal protective equipment should be chosen according to applicable standards, adapted to the conditions of use of the product and in discussion with the supplier of the personal protective equipment.

Eye/face protection: Safety glasses with side shields

Hand Protection: Protective gloves are recommended.

Skin and Body Protection: No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Environmental Controls:
See sections 7 and 13 of the Safety Data Sheet.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:
Physical state: Solid (ASTM D4359)
Form: Thixotropic Paste
Color: White
Odor: Alcohol
pH: Not applicable
Melting point/freezing point: No data available.
Boiling Point: No data available.
Flash Point: > 100 °C / 212 °F
Flammability: No data available.
Flammability Limit - Upper (%): No data available.

Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Relative vapor density:	No data available.
Evaporation Rate:	No data available.
Density:	Approximate 1.3 kg/dm3 (20 °C)
Solubility(ies):	
Solubility in Water:	Practically Insoluble
Solubility (other):	Acetone: Very slightly soluble Ethanol: Very slightly soluble Chlorinated solvents: Dispersible Aromatic hydrocarbons: Dispersible Aliphatic hydrocarbons: Dispersible
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Kinematic viscosity:	No data available.

9.2 Other information:

Oxidizing properties:	According to the data on the components (evaluation by structure-activity relationship) Not considered as oxidizing.
Particle Size:	Not applicable

10. Stability and reactivity

10.1 Reactivity:

Vulcanizes at room temperature on contact with moisture in the air.

10.2 Chemical Stability:

Stable at room temperature provided it is not in contact with air.

10.3 Possibility of hazardous reactions:

Will not occur.

10.4 Conditions to avoid:

None known.

10.5 Incompatible Materials:

Strong oxidizers, strong bases and Water.

10.6 Hazardous Decomposition Products:

Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica. During use or in contact with water, may generate hazardous substances.

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Oral:

Not classified for acute toxicity based on available data.

Dermal:
Not classified for acute toxicity based on available data.

Inhalation:
Not classified for acute toxicity based on available data.

Repeated dose toxicity:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
NOAEL: 1,000 mg/kg ; (Rat ; Female, Male ; Gavage (Oral)) ; Method: OECD 422 ; No adverse effect observed.
NOAEC: 0.212 mg/l ; (Rat ; Female, Male ; Inhalation) ; Method: OECD 413

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOAEL: 1.82 mg/l ; LOAEL: 8.5 mg/l ; (Rat ; Female, Male ; Inhalation - vapour) ; Target Organ(s): Kidney ; Method: Similar to OECD 453 ; Chronic exposure.
NOAEL: 960 mg/kg ; (Rabbit ; Female, Male ; Dermal) ; No treatment-related adverse effects observed ; Method: Similar to OECD 410 ; Subacute exposure.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
NOAEL: 12.3 mg/l ; (Rat ; Inhalation - vapour) ; Method: OECD 413 ; Results obtained on a similar product. Subchronic exposure.

Skin Corrosion/Irritation:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Not irritating (Rabbit) ; Method: OECD 404

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
An Expert Judgment stated that no classification is necessary based on present knowledge. Not irritating (Rabbit) ; Method: Similar to OECD 404

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Not irritating (Guinea Pig) ; Method: Expert judgement

Serious Eye Damage/Eye Irritation:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Not irritating (Rabbit) ; Method: OECD 405

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
An Expert Judgment stated that no classification is necessary based on present knowledge. Not irritating (Rabbit) ; Method: OECD 405

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Causes serious eye irritation. (Rabbit) ; Method: Expert judgement

Respiratory or Skin Sensitization:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Skin sensitization: Not a skin sensitizer. (Mouse) ; Method: OECD 429

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Skin sensitization: Not a skin sensitizer. (Guinea Pig) ; Method: OECD 406

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Skin sensitization: Not a skin sensitizer. (Guinea Pig) ; Method: Expert judgement

Germ Cell Mutagenicity:

In vitro: Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Bacterial reverse mutation test: negative (Salmonella typhimurium ; with and without metabolic activation) ; Method: OECD 471
In vitro mammalian chromosomal aberration test: negative (Human lymphocytes ; with and without metabolic activation) ; Method: OECD 473
In vitro gene mutations test on mammalian cells: negative (Mouse lymphoma cells ; with and without metabolic activation) ; Method: OECD 476

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Bacterial reverse mutation test: No mutagenic effect. (Salmonella typhimurium ; with and without metabolic activation) ; Method: OECD 471
In vitro gene mutations test on mammalian cells: No mutagenic effect. (Mouse lymphoma cells ; with and without metabolic activation) ; Method: Similar to OECD 476
In vitro mammalian chromosomal aberration test: No clastogenic effect. (Chinese hamster ovary cells ; with and without metabolic activation) ; Method: Similar to OECD 473

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Bacterial reverse mutation test: No mutagenic effect. (Salmonella typhimurium ; with and without metabolic activation) ; Method: OECD 471
Chromosomal aberration: No clastogenic effect. (Human lymphocytes ; with and without metabolic activation) ; Method: OECD 473
In vitro gene mutations test on mammalian cells: No mutagenic effect. (Mouse lymphoma cells ; with and without metabolic activation) ; Method: OECD 476

In vivo: Based on our knowledge of the composition information:
OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Mammalian bone marrow chromosomal aberration test: negative (Rat ; Female, Male ; Inhalation) ; Method: Similar to OECD 475
Rodent dominant Lethal test: negative (Rat ; Female, Male ; Gavage (Oral)) ; Method: Similar to OECD 478

Carcinogenicity:

No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:
No carcinogens present or none present in regulated quantities

Reproductive toxicity:

Fertility: Based on our knowledge of the composition information: Suspected of damaging fertility.
CALCIUM CARBONATE (*471-34-1*):
Not classified
Reproduction/developmental toxicity screening test: NOAEL (parent): >= 1,000 mg/kg ; NOAEL (F1): >= 1,000 mg/kg ; NOAEL (F2): None. (Rat ; Female, Male ; Gavage (Oral)) ; Method: OECD 422 ; No significant effect observed at this dose.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Suspected of damaging fertility.
Fertility study 2 generations: NOAEL (parent): 3.64 mg/l ; NOAEL (F1): 3.64 mg/l ; NOAEL (F2): None. (Rat ; Female, Male ; Inhalation) ; Method: Similar to OECD 416 ; Effects on fertility

Teratogenicity: Based on our knowledge of the composition information: Suspected of damaging fertility.
CALCIUM CARBONATE (*471-34-1*):
Not classified
NOAEL (terato): 1,963 - 2,188 mg/kg ; NOAEL (mater): 1,963 - 2,188 mg/kg (Rat ; Feed (Oral)) ; Method: Similar to OECD 414 ; No effect observed on development.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOAEL (terato): > 8.492 mg/l ; NOAEL (mater): 3.64 mg/l (Rat ; Inhalation - vapor) ; Method: Similar to OECD 414 ; The product is not considered to be toxic for development.
NOAEL (terato): > 6.066 mg/l ; NOAEL (mater): 3.64 mg/l (Rabbit ; Inhalation - vapor) ; Method: Similar to OECD 414 ; The product is not considered to be toxic for development.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Not classified
NOAEL (terato): 480 mg/kg ; NOAEL (mater): 240 mg/kg (Rabbit ; Ingestion) ; Method: According to a standardised method. ; The product is not considered to be toxic for development. Results obtained on a similar product.

Specific Target Organ Toxicity - Single Exposure:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Based on available data, the classification criteria are not met.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Based on available data, the classification criteria are not met.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
May cause drowsiness or dizziness. Oral Inhalation: Target Organ(s): Central nervous system.

Specific Target Organ Toxicity - Repeated Exposure:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Based on available data, the classification criteria are not met.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Based on available data, the classification criteria are not met.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Based on available data, the classification criteria are not met.

Aspiration Hazard:

Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Not applicable

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Based on available data, the classification criteria are not met.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Based on available data, the classification criteria are not met.

12. Ecological information

General information:
The maximum concentration of Octamethylcyclotetrasiloxane (D4) in the aquatic environment is estimated to be below the established no-effect threshold (<0.0079 mg/l) for aquatic organisms (based on partition coefficient, tested on similar products).

12.1 Ecotoxicity:

Acute toxicity:

Fish: Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
LC 50 (Oncorhynchus mykiss; 96 h) : > 100 mg/l ; Method: OECD 203 ; No toxicity at the limit of solubility.

FATTY ACIDS, C16-18 (*67701-03-5*):
LC 50 (Fish) : > 10,000 mg/l

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
LC 50 (Oncorhynchus mykiss; 96 h ; Flow through) : > 0.022 mg/l ; Method: According to a standardised method.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
LC 50 (Leuciscus idus; 48 h ; Static) : 275 - 515 mg/l ; Method: OECD 203 ; Results obtained on a similar product.

Aquatic Invertebrates: Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
LC 50 (Water flea (Daphnia magna)) : > 100 mg/l ; Method: OECD 202 ; No toxicity at the limit of solubility.

FATTY ACIDS, C16-18 (*67701-03-5*):
EC 50 (Water flea (Daphnia)) : > 4.8 mg/l

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
EC 50 (Water flea (Daphnia magna); 48 h ; Flow through) : > 0.015 mg/l ; Method: According to a standardised method.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
EC 50 (Water flea (Daphnia magna); 48 h ; Static) : > 100 mg/l ; Method: OECD 202

Aquatic plants: Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
ErC50 (Green algae (Scenedesmus subspicatus)) : > 14 mg/l ; Method: OECD 201
NOEC (Green algae (Scenedesmus subspicatus)) : 14 mg/l ; Method: OECD 201

FATTY ACIDS, C16-18 (*67701-03-5*):
NOEC (Alga) : > 0.9 mg/l

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
ErC50 (Algae (Pseudokirchneriella subcapitata); 96 h) : > 0.022 mg/l ; Method: According to a standardised method.
ErC10 (Algae (Pseudokirchneriella subcapitata); 96 h) : >= 0.022 mg/l ; Method: According to a standardised method.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
EC 50 (Algae (Pseudokirchneriella subcapitata); 72 h ; Static) : > 100 mg/l ; Method: OECD 201
NOEC (growth rate) (Algae (Pseudokirchneriella subcapitata); 72 h ; Static) : 100 mg/l ; Method: OECD 201

Toxicity to microorganisms: Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
EC 50 (activated sludge, domestic (adaptation not specified); 3 h ; Static) : > 1,000 mg/l ; Method: OECD 209

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
EC 50 (3 h) : > 10,000 mg/l

Chronic Toxicity:

Fish: Based on our knowledge of the composition information:
OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOEC (Oncorhynchus mykiss; 93 d ; Flow through) : >= 0.0044 mg/l ; Method: According to a standardised method.

Aquatic Invertebrates: Based on our knowledge of the composition information:
OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
NOEC (Water flea (Daphnia magna); 21 d ; Flow through) : >= 0.015 mg/l ; Method: According to a standardised method.

12.2 Persistence and Degradability:

Stability in water: No data available.

Biodegradation: Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
90 % (sewage, domestic, non-adapted ; 28 d) ; Method: OECD 301 B ; The product is considered to be readily biodegradable.

FATTY ACIDS, C16-18 (*67701-03-5*):
The product is easily biodegradable.

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
3.7 % (activated sludge and sewage, soil ; 28 d) ; Method: OECD 310 ; The product is not considered to be readily biodegradable.

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
66 % (activated sludge (adaptation not specified) ; 28 d ; Oxygen depletion) ; Method: OECD 301 D ; Readily biodegradable Results obtained on a similar product.

BOD/COD Ratio: No data available.

12.3 Bioaccumulative potential:

Bioconcentration Factor (BCF): Based on our knowledge of the composition information:
OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Bioconcentration Factor (BCF): 14,900 (Fathead Minnow) ; Method: OECD 305 ; Not bioaccumulable based on the depuration rate constant

Partition coefficient (n-octanol/water): Based on our knowledge of the composition information:
CALCIUM CARBONATE (*471-34-1*):
Inorganic

OCTAMETHYLCYCLOTETRASILOXANE (*556-67-2*):
Log Kow: 5.10

BIS(ETHYLACETOACETATO-O1',O3) BIS(PROPAN-2-OLATO)TITANIUM (*27858-32-8*):
Log Kow: 0.25 (25 °C) ; Method: Measured ; Results obtained on a similar product.

12.4 Mobility in soil:

No data available.

12.5 Other adverse effects:

No data available.

13. Disposal considerations

13.1 Waste treatment methods:

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal methods:
Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging:
Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

14. Transport information

DOT

Not regulated.

IMDG / IMO

Not regulated.

IATA

Not regulated.

15. Regulatory information

US Federal Regulations:

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4): None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories:
Reproductive toxicity

SARA 304 Emergency Release Notification: None present or none present in regulated quantities.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required: None present or none present in regulated quantities.

US State Regulations:

US. California Proposition 65:

This product can expose you to chemicals including: Ethanol (<0.006%) 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.

This product can expose you to chemicals including: Methanol (<1%) 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.

US. New Jersey Worker and Community Right-to-Know Act: No ingredient regulated by NJ Right-to-Know Law present.

Chemical Identity:
Calcium carbonate

US. Massachusetts RTK - Substance List:
Chemical Identity:
Calcium carbonate

US. Pennsylvania RTK - Hazardous Substances: No ingredient regulated by PA Right-to-Know Law present.

Chemical Identity:
Calcium carbonate

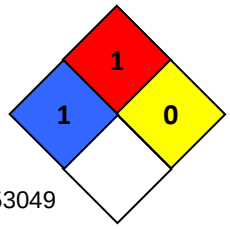
US. Rhode Island RTK:
Chemical Identity:
Calcium carbonate

Inventory Status:

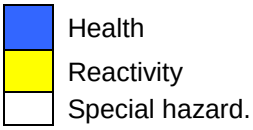
Australia Industrial Chem. Act (AIIC):	On or in compliance with the inventory.
Canada DSL Inventory List:	On or in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Japan (ENCS) List:	On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory.

16. Other information, including date of preparation or last revision

NFPA Hazard ID:



Flammability



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Wording of the H-statements in section 2 and 3:

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H361f	Suspected of damaging fertility.
H370	Causes damage to organs.
H410	Very toxic to aquatic life with long lasting effects.

Issue Date: 06/02/2023

Version #: 4.1

Further Information:

No data available.

Disclaimer:

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.