Master Wall Inc.®
Building a Culture of Excellence

PO Box 397
Fortson, GA 31808

800-755-0825

SAFETY DATA SHEET

Issuing Date: 1/1/2024 Revision Date: 1-April-2026 Revision Number: 1

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: SuperiorShield SMP Sealant

Other means of identification
Synonyms: None

Recommended use of the chemical and restrictions on use
Recommended Use: Adhesives, flashing and/or sealant
Uses advised against: No information available

Supplier's details

Supplier Address
Master Wall Inc.®
1 Master Wall Ct.
Columbus, GA 31907
TEL: 706-569-0092

Emergency telephone number
Emergency Telephone Number: 1-800-535-5053 24/7 7 days

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Serious eye damage/eye irritation Category 2A
Reproductive toxicity: Category 1B

Emergency Overview

Danger

Hazard statements

Causes serious eye irritation

May damage fertility or the unborn child

Appearance: Paste **Physical State:** Solid **Odor** Odorless

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Precautionary Statements

Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Wear protective gloves/protective clothing/eye protection/face protection
- Wash face, hands and any exposed skin thoroughly after handling

Response

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention

Storage

- Store locked up

Disposal

- Dispose of contents/ container to an approved waste disposal plant

Other information

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

SECTION 3 – COMPOSOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Limestone	1317-65-3	30 - 60	*
Carbonic acid, calcium salt (1:1)	471-34-1	1 - <5	*
Trimethoxyvinylsilane	2768-02-7	0.1 - <1	*
Carbon black	1333-86-4	0.1 - <1	*
Quartz	14808-60-7	0.1 - <1	*
Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-	22673-19-4	0.1 - <1	*
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9	0.1 - <1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. If symptoms persist, call a physician.

Ingestion: Call a physician immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Small amounts of toxic methanol are released by hydrolysis.

Self-protection of the first aider: Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms/effects, acute and delayed

Symptoms: May cause redness and tearing of the eyes.

Effects of Exposure: No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: Treat symptomatically. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.
Large fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable Extinguishing Media: Full water jet.

Specific Hazards Arising from the Chemical
Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products: Carbon oxides. Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Silicon oxides. Silicon dioxide.

Explosion Data
Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTIAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Personal Precautions: Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation.

Other Information: Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions
Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up
Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Use personal protective equipment as required. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

Handling: Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage: Protect from moisture. Keep away from food, drink and animal feeding stuffs.

Recommended storage temperature: Keep at temperatures between 50 and 95 °F / 10 and 35 °C.

Reference to other sections: Section 10: STABILITY AND REACTIVITY
Section 13: DISPOSAL CONSIDERATIONS

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Exposure Limits: This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Limestone 1317-65-3	-	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Carbonic acid, calcium salt (1:1) 471-34-1	-	-	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Titanium dioxide 13463-67-7	TWA: 0.2 mg/m³ nanoscale respirable particulate matter TWA: 2.5 mg/m³ finescale respirable particulate matter	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m³ TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale
Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- 22673-19-4	TWA: 0.1 mg/m³ Sn STEL: 0.2 mg/m³ Sn pSk	TWA: 0.1 mg/m³ Sn (vacated) TWA: 0.1 mg/m³ Sn (vacated) S*	IDLH: 25 mg/m³ Sn TWA: 0.1 mg/m³ except Cyhexatin Sn

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Limestone 1317-65-3	TWA-CMP: 10 mg/m³;	-	TWA-LPP: 7 mg/m³;free of Asbestos with <1% free Crystalline Silica TWA-LPP: 5 mg/m³;respirable fraction	-
Titanium dioxide 13463-67-7	TWA-CMP: 10 mg/m³;	TWA-LT: 0.2 mg/m³; respirable particulate matter TWA-LT: 2.5 mg/m³; respirable particulate matter	-	TWA: 0.2mg/m³ TWA: 2.5mg/m³
Tin, dibutylbis(2,4-pentanedionato-O	TWA-CMP: 0.1 mg/m³; STEL (CMP-CPT): 0.2	TWA-LT: 0.1 mg/m³; STEL: 0.2 mg/m³;	TWA-LPP: 0.09 mg/m³; STEL-LPT: 0.2 mg/m³;	STEL: 0.2mg/m³ TWA: 0.1mg/m³

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Limestone 1317-65-3	TWA-CMP: 10 mg/m³;	-	TWA-LPP: 7 mg/m³;free of Asbestos with <1% free Crystalline Silica TWA-LPP: 5 mg/m³;respirable fraction	-
Titanium dioxide 13463-67-7	TWA-CMP: 10 mg/m³;	TWA-LT: 0.2 mg/m³; respirable particulate matter TWA-LT: 2.5 mg/m³; respirable particulate matter	-	TWA: 0.2mg/m³ TWA: 2.5mg/m³
Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- 22673-19-4	TWA-CMP: 0.1 mg/m³; STEL (CMP-CPT): 0.2 mg/m³; Sk	TWA-LT: 0.1 mg/m³; STEL: 0.2 mg/m³;	TWA-LPP: 0.09 mg/m³; STEL-LPT: 0.2 mg/m³; pSd	STEL: 0.2mg/m³ TWA: 0.1mg/m³

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Carbonic acid, calcium salt (1:1) 471-34-1	-	TWA: 10mg/m³	-	TWA: 10 mg/m³
Titanium dioxide 13463-67-7	TWA: 10mg/m³	TWA: 10mg/m³	0.2 mg/m³ TWA (nanoscale, respirable particulate matter); 2.5 mg/m³ TWA (finescale, respirable particulate matter)	TWA: 10 mg/m³
Tin,	STEL: 0.2mg/m³	STEL: 0.2mg/m³	0.2 mg/m³ STEL (as Sn)	Skin

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- 22673-19-4		TWA: 0.1mg/m³	0.1 mg/m³ TWA (as Sn)	STEL: 0.2 mg/m³ TWA: 0.1 mg/m³

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Methyl alcohol 67-56-1	TWA: 200 ppm STEL: 250 ppm pSk	TWA: 200 ppm TWA: 260 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m³ (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m³ STEL: 250 ppm STEL: 325 mg/m³

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Methyl alcohol 67-56-1	TWA-CMP: 200 ppm; STEL (CMP-CPT): 250 ppm; Sk	TWA-LT: 156 ppm; TWA-LT: 200 mg/m³; STEL: 250 ppm; Sd	TWA-LPP: 175 ppm; TWA-LPP: 229 mg/m³; STEL-LPT: 250 ppm; STEL-LPT: 328 mg/m³; pSd	STEL: 250ppm TWA: 200ppm

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Methyl alcohol 67-56-1	STEL: 250ppm TWA: 200ppm	STEL: 250ppm STEL: 328mg/m³ TWA: 200ppm TWA: 262mg/m³	250 ppm STEL 200 ppm TWA	Skin STEL: 250 ppm TWA: 200 ppm

Appropriate engineering controls

Engineering Measures: Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection: Avoid contact with eyes. If splashes are likely to occur, wear safety glasses with side-shields (or goggles).

Hand Protection: Wear suitable gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: Use appropriate respiratory protection. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Solid.	**Appearance:**	Paste.
Odor:	No information available	**Odor Threshold:**	No information available

Property	Values	Remarks/ - Method
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	>= 140°C / 284°F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Miscible with water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known

Other information

Explosive properties	No information available	
Oxidizing properties	No information available	
Solvent content (%)	No information available	
Solid content (%)	No information available	
Softening Point	No information available	
Molecular weight	No information available	
VOC Content (%)		No information available
Liquid Density	No information available	
Bulk density	No information available	

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Product cures with moisture.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx) Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

SECTION 11 – TOXOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information:

Inhalation:	Based on available data, the classification criteria are not met.
Eye Contact:	Causes serious eye irritation. May cause redness, itching, and pain.
Skin Contact:	Based on available data, the classification criteria are not met. May cause sensitization in susceptible persons.
Ingestion:	Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms: May cause redness and tearing of the eyes.

Acute toxicity
Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	145,470.30 mg/kg
ATEmix (dermal)	129,715.50 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	95.10 mg/l
ATEmix (inhalation-vapor)	681.80 mg/l

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone 1317-65-3	>5000 mg/kg (Rattus)	-	-
Carbonic acid, calcium salt (1:1) 471-34-1	LD50 > 2000 mg/kg (Rattus) OECD 420	LD50 >2000 mg/kg (Rattus) OECD 402	LC50 (4h) >3mg/ml (Rattus)
Trimethoxyvinylsilane 2768-02-7	LD50 = 7120 -7236 mg/kg (Rattus) OECD 401	= 3540 mg/kg (Oryctolagus cuniculus)	LC50 (4hr) 16.8 mg/l (Rattus) OECD TG 403
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	=2295 mg/kg (Rattus)	>2000 mg/Kg (Rattus)	LC50 4H (Aerosol)1.5 - 2.44 mg/L air
Carbon black 1333-86-4	LD50 > 8000 mg/kg (Rattus) OECD 401	> 3 g/kg (Oryctolagus cuniculus)	IDLH: 1750 mg/m^3 > 4.6 mg/m3 (Rat) 4 h
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Tin, dibutylbis(2,4-pentanedionato-O, O')-, (OC-6-11)- 22673-19-4	LD50 = 1864 mg/kg (Rattus) OECD 401	LD50 > 2000 mg/kg (Rattus) OECD 402	LC50 4hr: 16.8 mg/l (Rattus) (OECD TG 403)
Bis(2,2,6,6-tetramethyl-4 piperidyl) sebacate 52829-07-9	LD50 (Rattus)> 2000 mg/kg OECD 423	LD50 (Rattus) > 3 170 mg/kg OECD 402	=500 mg/m3 (Rattus) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Titanium dioxide (13463-67-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Non-irritant

Trimethoxyvinylsilane (2768-02-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Dermal	0.5 mL	24 hours	Non-irritant

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Mild skin irritant

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Non-irritant

Serious eye damage/eye irritation Causes serious eye irritation.

Titanium dioxide (13463-67-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye			Non-irritant

Trimethoxyvinylsilane (2768-02-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Eye		24 hours	Non-irritant

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye			Eye Damage

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye			Eye Damage

Respiratory or skin sensitization OECD Test No. 406: Skin Sensitization. No sensitization responses were observed. No classification is proposed, based on conclusive negative data. May cause sensitization in susceptible persons.

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	No sensitization responses were observed

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Trimethoxyvinylsilane (2768-02-7)

Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	in vitro	Not mutagenic

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	Mammalian cells in vitro	Negative
OECD Test No. 476: In Vitro Mammalian Cell Gene Mutation Tests using the Hprt and xprt genes	Mammalian cells in vitro	Negative

Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- (22673-19-4)

Method	Species	Results
OECD Test No. 476: In Vitro Mammalian Cell Gene Mutation Tests using the Hprt and xprt genes	in vitro	Mutagenic

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Carcinogenicity Based on available data, the classification criteria are not met. This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	A3 A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 2B	-	X
Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- 22673-19-4	A4 - Not Classifiable as a Human Carcinogen	-	-	-
Carbon black 1333-86-4	A3	Group 2B	-	X
Quartz 14808-60-7	A2	Group 1	Known	X

Legend
ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
A4 - Not classifiable as a human carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
Occupational Safety and Health Administration of the US Department of Labor
X - Present

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Method	Species	Results
OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	Rat, Oral	NOAEL >500 mg/Kg

Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- (22673-19-4)

Method	Species	Results
OECD Test No. 414: Prenatal Development Toxicity Study	Rat Oral in vivo	Read-across. Reproductive toxicant. NOAEL: 1 mg/kg bw/day
OECD Test No. 421: Reproduction/Developmental Toxicity Screening Test	Rat Oral in vivo	Read-across Reproductive toxicant NOAEL 1.9-2.3 mg/kg bw/day

Trimethoxyvinylsilane (2768-02-7)

Method	Species	Results
OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	Rat	Not Classifiable

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Method	Species	Results
OECD Test No. 414: Prenatal Development Toxicity Study	Rat, Rabbit	Reproductive toxicant

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Trimethoxyvinylsilane (2768-02-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 413: Subchronic Inhalation Toxicity: 90-day Study	Rat	Inhalation vapor		90 days	0.058 NOAEL

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	Rat	Subacute oral toxicity gavage		28 days	NOAEL >500 mg/kg

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Aspiration hazard Based on available data, the classification criteria are not met.
Other adverse effects No information available.
Interactive effects No information available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmondesmus subspicatus)	CL50 (96h)>10000mg/L (Oncorhynchus mykiss)	-	CE50 (48h) >1000 mg/L Daphnia Magna
Carbonic acid, calcium salt (1:1) 471-34-1	IC50 72H Algae >1000 mg/l	CL50 96H >1000 mg/l	-	EC50 48H Daphnia >1000 mg/l
Trimethoxyvinylsilane 2768-02-7	EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus) EU Method C.3	LC50 (96h) = 191 mg/l (Oncorhynchus mykiss)	-	EC50(48hr) 168.7mg/l (Daphnia magna)
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-	LC50 (96H) =597 mg/L (Danio rerio)Semi-static	-	EC50 (48h) =81mg/L Daphnia magna Static
Carbon black 1333-86-4	>10000 mg/l (Desmodesmus subspicatus) OECD 202	>1000 mg/l (Brachydanio rerio) OCDE 203	-	EC50: >5600mg/L (24h, Daphnia magna)
Tin, dibutylbis(2,4-pentanedionato-O, O')-, (OC-6-11)- 22673-19-4	>2.0 mg/l	>2.0 mg/l	-	EC50 0.0036 mg/l 48Hr (Daphnia magna)
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate 52829-07-9	EC50 72Hr 0.705 mg/l (Pseudokirchnerella subcapitata)	LC50 (96h) = 5.29 mg/l (Oryzias latipes)	-	LC50 48Hr 8.58 mg/l (Daphnia magna)

Persistence and Degradability: No information available.

Bioaccumulation: There is no data for this product.

Component Information

Chemical Name	Partition Coefficient
Limestone 1317-65-3	0.9
Trimethoxyvinylsilane 2768-02-7	1.1
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-0.3
Tin, dibutylbis(2,4-pentanedionato-O, O')-, (OC-6-11)- 22673-19-4	-
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate 52829-07-9	0.35

Mobility in soil

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Handle contaminated packages in the same way as the product itself.

SECTION 14 – TRANSPORT INFORMATION

Note: Keep from freezing. The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition) 49 CFR 171.4(c) "Exceptions. Except when all or part of the transportation is by vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicle, rail car or aircraft."

DOT

UN number or ID number	UN3077
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s.
Transport hazard class(es)	9
Packing Group	III
Special Provisions	146, 335, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33, 8
Marine Pollutant	Np
Description	UN3077, Environmentally hazardous substance, solid, n.o.s., 9, III, (Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate), Marine Pollutant
Emergency Response Guide Number	171

Note: 49 CFR 171.4(c) "Exceptions. Except when all or part of the transportation is by vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicle, rail car or aircraft."

IATA

UN number or ID number	UN3077
UN proper shipping name	Environmentally hazardous substance, solid, n.o.s. (Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate)
Transport hazard class(es)	9
Packing group	III
Special Provisions	A97, A158, A179, A197, A215
Description	UN3077, Environmentally hazardous substance, solid, n.o.s., 9, III, (Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate), Marine Pollutant

IMDG

UN number or ID number	UN3077
UN proper shipping name	Environmentally hazardous substance, solid, n.o.s. (Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate)
Transport hazard class(es)	9
Packing group	III
EmS-No	F-A, S-F
Special Provisions	274, 335, 966, 967, 969
Marine pollutant	P
Description	UN3077, Environmentally hazardous substance, solid, n.o.s., 9, III, (Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate), Marine Pollutant

SECTION 15 – REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	Listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL - Canadian Domestic Substances List
Listed - The components of this product are either listed or exempt from listing on inventory.
Not Listed - One or more components of this product are not listed on inventory.

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

SVHC: Substances of Very High Concern for Authorization:
This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No	SVHC candidates
Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-	22673-19-4	X
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	X

SECTION 16 – OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Prepared By Product Safety & Regulatory Affairs.

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

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General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet