

4/28/26

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): AtmoFlash VP

Synonyms: N/A

CAS No: N/A

Supplier:

EPRO Services, Inc.

PO Box 347

Derby, KS 67037

800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

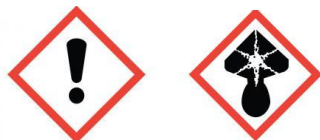
Classification of the substance or mixture

Serious eye damage/eye irritation: Category 2A

Reproductive toxicity: Category 1B

Hazards not otherwise classified (HNOC): Not Applicable.

Label elements



Hazard Statements

Causes serious eye irritation.

May damage fertility or the unborn child.

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.

Precautionary Statements - 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.

Precautionary Statements – Storage

Store locked up.

Precautionary Statements – 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 release upon curing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not applicable

Mixture

Chemical name	CAS No.	Weight-%
Trimethoxyvinylsilane	2768-02-7	1 - <5
Titanium dioxide	13463-67-7	1 - <5
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	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.*

4. FIRST-AID MEASURES**Description of 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.

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

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 soap and plenty of water. Get medical attention if symptoms occur.

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

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

Most important symptoms and effects, both acute and delayed

Symptoms: May cause redness and tearing of the eyes.

Effects of Exposure: No information available.

Indication of any immediate medical attention and special treatment needed

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

5. FIRE-FIGHTING MEASURES**Extinguishing media**

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

Unsuitable Extinguishing Media: Full water jet.

Special hazards arising from the chemical

Special 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 (NO_x). Silicon oxides. Silicon dioxide.

Explosion data

Sensitivity to mechanical impact: None.

Sensitivity to static discharge: None.

Advice for firefighters

Special protective equipment and precautions for fire-fighters: As in any fire, wear self-contained breathing apparatus pressured-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment, and emergency procedures**

Personal precautions: Use personal protective equipment as required. Ensure adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling.

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

Environmental precautions: See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment: Do not scatter spilled material with high pressure water streams.

Methods for cleaning up: Pick up and transfer to properly labeled containers.

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

7. HANDLING AND STORAGE

Precautions for safe handling: Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a cool, well-ventilated place. 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.

References to other sections: Section 10: Stability and Reactivity. Section 13: Disposal Considerations.

8. EXPOSURE CONTROLS/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
Titanium dioxide 13463-67-7	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³ TWA: 2.4 mg/m ³ CIB 63 fine TWA: 0.3 mg/m ³ CIB 63 ultrafine, including engineered nanoscale
Tin, dibutylbis(2,4-pentanedionato-O ,O')-, (OC-6-11)- 22673-19-4	TWA: 0.1 mg/m ³ Sn STEL: 0.2 mg/m ³ Sn Sk*	TWA: 0.1 mg/m ³ Sn (vacated) TWA: 0.1 mg/m ³ Sn (vacated) S*	IDLH: 25 mg/m ³ Sn TWA: 0.1 mg/m ³ except Cyhexatin Sn

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 0.2 mg/m ³ TWA: 2.5 mg/m ³	-	TWA: 0.2mg/m ³ TWA: 2.5mg/m ³
Tin, dibutylbis(2,4-pentanedionato-O ,O')-, (OC-6-11)- 22673-19-4	TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Sk*	TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³	LPP: 0.09 mg/m ³ Sk*	STEL: 0.2mg/m ³ TWA: 0.1mg/m ³

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Titanium dioxide 13463-67-7	TWA: 10mg/m ³	TWA: 10mg/m ³	0.2 mg/m ³ TWA (nanoscale, respirable particulate matter); 2.5 mg/m ³ TWA (finescale, respirable particulate matter)	TWA: 10 mg/m ³
Tin, dibutylbis(2,4-pentanedionato-O ,O')-, (OC-6-11)- 22673-19-4	STEL: 0.2mg/m ³	STEL: 0.2mg/m ³ TWA: 0.1mg/m ³	0.2 mg/m ³ STEL (as Sn) 0.1 mg/m ³ TWA (as Sn)	Skin STEL: 0.2 mg/m ³ TWA: 0.1 mg/m ³

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Methyl Alcohol 67-56-1	TWA: 200 ppm STEL: 250 ppm Sk*	TWA: 200 ppm TWA: 260 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m ³ (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³

Chemical name	Argentina	Brazil	S.D. 594/1999	Colombia
Methyl alcohol 67-56-1	TWA: 200 ppm STEL: 250 ppm Sk*	TWA: 156 ppm TWA: 200 mg/m ³ STEL: 250 ppm Skin	LPP: 175 ppm LPP: 229 mg/m ³ LPT: 250 ppm LPT: 328 mg/m ³ Sk*	STEL: 250ppm TWA: 200ppm

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Methyl alcohol 67-56-1	STEL: 250ppm TWA: 200ppm	STEL: 250ppm STEL: 328mg/m ³ TWA: 200ppm TWA: 262mg/m ³	250 ppm STEL 200 ppm TWA	Skin STEL: 250 ppm TWA: 200 ppm

Exposure controls

Appropriate engineering controls: Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection: Avoid contact with eyes. 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: 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.

General hygiene considerations: Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash it before reusing. Regular cleaning of equipment, work area, and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Color: Off-white

Odor threshold: No information available

pH (as aqueous solution): No data available

Flash point: No data available

Evaporation rate: No data available

Vapor pressure: No data available

Relative vapor density: No data available

Relative density: No data available

Solubility(ies): No data available

Autoignition temperature: No data available

Kinematic viscosity: No data available

Explosive properties: No information available

Solvent content (%): No information available

Softening point: No information available

VOC content: No information available

Bulk density: No information available

Appearance: Paste

Odor: No information available

pH: No data available

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flammability: No data available

Upper flammability or explosive limits: No data available

Lower flammability or explosive limits: No data available

Water solubility: No data available

Partition coefficient: No data available

Decomposition temperature: No data available

Dynamic viscosity: No data available

Oxidizing properties: No information available

Solid content (%): No information available

Molecular weight: No information available

Density: No information available

10. STABILITY AND REACTIVITY

Reactivity: Product cures with moisture.

Chemical stability: Stable under normal conditions.

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

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

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: 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): >5000 mg/kg

ATEmix (dermal): 222,357.90 mg/kg

ATEmix (inhalation-gas): >20000 ppm

ATEmix (inhalation-dust/mist): >5 mg/l

ATEmix (inhalation-vapor): 690.90 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
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
Titanium dioxide 13463-67-7	>10000 mg/kg (Rattus)	LD50 > 5000 mg/Kg	= 5.09 mg/L (Rattus) 4 h
N-(3-(trimethoxysilyl)propyl)ethy- lenediamine 1760-24-3	=2295 mg/kg (Rattus)	>2000 mg/Kg (Rattus)	LC50 4H (Aerosol)1.5 - 2.44 mg/L air
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-piperid yl) sebacate 52829-07-9	LD50 (Rattus)> 2000 mg/kg OECD 423	LD50 (Rattus) > 3 170 mg/kg OECD 402	=500 mg/m ³ (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.

Trimethoxyvinylsilane (2768-02-7)

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

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

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

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute	Rabbit				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.

Trimethoxyvinylsilane (2768-02-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye		24 hours	Non-irritant

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

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	Group 2B	-	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal 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.

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

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

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
OECD Test No. 413: Subchronic Inhalation Toxicity: 90-day Study	Rat	Inhalation vapor		90 days

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.

12. ECOLOGICAL INFORMATION (non-mandatory)

Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
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)
Titanium dioxide 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-	LC50 (96H) =597 mg/L (Danio rerio)Semi-static	-	EC50 (48h) =81mg/L Daphnia magna Static
Tin, dibutylbis(2,4-pentanedioato-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.

Bioaccumulative potential

Bioaccumulation: There is no data for this product.

Component Information

Chemical name	Partition coefficient
Trimethoxyvinylsilane 2768-02-7	1.1
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-0.3
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate 52829-07-9	0.35

Mobility in soil: No information available.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste treatment methods

Waste from residues/unused products: 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.

14. TRANSPORT INFORMATION (non-mandatory)

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here may not always agree with the bill of lading shipping description for the material.

DOT

UN number or ID number: UN3077

UN proper shipping name: Environmentally hazardous substance, solid, n.o.x. (Tin, dibutylbis (2,4-pentanedionato-O,O'), (OC-6-11)-, Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate)

TRANSPORT HAZARD CLASS: 9

Packing group: III

Special Provisions: 8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33

DOT Marine Pollutant: I

Marine pollutant: Tin, dibutylbis (2,4-pentanedionato-O,O'), (OC-6-11)-, Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate), 9, III, Marine pollutant

Description: UN3077, 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), 9, III, 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 packaging 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.x. (Tin, dibutylbis (2,4-pentanedionato-O,O'), (OC-6-11)-, Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate)

TRANSPORT HAZARD CLASS: 9

Packing group: III

Special Provisions: A97, A158, A179, A197, A215

Description: UN3077, 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), 9, III

IMDG

UN number or ID number: UN3077

UN proper shipping name: Environmentally hazardous substance, solid, n.o.x. (Tin, dibutylbis (2,4-pentanedionato-O,O'), (OC-6-11)-, Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate)

TRANSPORT HAZARD CLASS: 9

Packing group: III

EmS-No.: F-A, S-F

Special Provisions: 274, 335, 966, 967, 969

IMDG Marine Pollutant Name: Tin, dibutylbis (2.4-pentanedionato-O,O')-, (OC-6-11)-, Bis (2,2,6,6-tetramethyl-4-piperidyl) sebacate

Description: UN3077, 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), 9, III, Marine pollutant

15. REGULATORY INFORMATION (non-mandatory)

International Inventories

TSCA	Complies
DSL	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

Complies - The components of this product are either listed or exempt from listing on inventory. Active

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.

16. OTHER INFORMATION

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

Legend

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration LD50: 50% Lethal Dose

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA: TWA (time-weighted average)

STEL: STEL (Short Term Exposure Limit)

Ceiling: Maximum limit value

Sk*: Skin designation

Disclaimer

This information provided on 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 designated 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.