### WHITE

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# SAFETY DATA SHEET

### WHITE

Section 1. Identificati	on	
GHS product identifier	:	WHITE
Chemical name		Mixture
CAS number	:	Mixture
Other means of identification	:	CC10186730
Product type	:	solid
<u>Relevant identified uses of the sub</u> Product use	stance :	or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	POLYONE CORPORATION
		33587 Walker Road, Avon Lake, OH 44012
		1 (440) 930-1000 or 1 (866) POLYONE
Emergency telephone number (with hours of operation)	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

## Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. Some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	COMBUSTIBLE DUSTS CARCINOGENICITY - Category 2

#### **GHS label elements**

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Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	May form combustible dust concentrations in air. Suspected of causing cancer.
Precautionary statements		
General	:	Not applicable.
Prevention	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing.
Response	:	IF exposed or concerned: Get medical attention.
Storage	:	Store locked up.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	Keep container tightly closed.
Hazards not otherwise classified	:	None known.

## Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10186730

#### CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	10 - 25	13463-67-7
Dibutyltin mercaptide	1 - 3	10584-98-2
Antimony trioxide	1 - 3	1309-64-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

#### There are no additional ingredients present which, within the current knowledge of the supplier and in the

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concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

Eye contact Inhalation	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. Remove victim to fresh air and keep at rest in a position comfortable
		for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact	: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.	l
Inhalation	: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.	I
Skin contact	: No known significant effects or critical hazards.	

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Ingestion	:	No known significant effects or critical hazards.	
Over-exposure signs/symptoms			
Eye contact	:	Adverse symptoms may include the following: irritation redness	
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing	
Skin contact	:	No specific data.	
Ingestion	:	No specific data.	
Indication of immediate medical attention and special treatment needed, if necessary			
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	
Specific treatments	:	No specific treatment.	
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	Use dry chemical powder. Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
Specific hazards arising from the chemical	:	May form explosible dust-air mixture if dispersed.
Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides halogenated compounds metal oxide/oxides
Special protective actions for fire-	:	Promptly isolate the scene by removing all persons from the vicinity



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fighters	of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for : fire-fighters	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containme	ent a	nd cleaning up
Small spill	:	Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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## Section 7. Handling and storage

### Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a well-ventilated place. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

#### **Control parameters**

### **Occupational exposure limits**

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PEL: Permissible Exposure Level 0.5 mg/m3         NIOSH REL (1994-06-01) as antimony         Time Weighted Average (TWA) 0.5 mg/m3         OSHA PEL 1989 (1989-03-01) as antimony         PEL: Permissible Exposure Level 0.5 mg/m3         ACGIH TLV (1994-09-01)         Dibutyltin mercaptide         OSHA PEL (1993-06-30) as Sn         PEL: Permissible Exposure Level 0.1 mg/m3         NIOSH REL (1994-06-01) as Sn         Time Weighted Average (TWA) 0.1 mg/m3         OSHA PEL 1989 (1989-03-01) as Sn         Time Weighted Average (TWA) 0.1 mg/m3         OSHA PEL 1989 (1989-03-01) as Sn         PEL: Permissible Exposure Level 0.1 mg/m3         OSHA PEL 1989 (1989-03-01) as Sn         TLV-TWA: Threshold Limit Value - Time weighted average PEL:         Permissible Exposure Level 0.1 mg/m3         ACGIH TLV (1994-09-01) as Sn         TLV-STEL: Threshold Limit Value - Short Time Exposure Level 0.2 mg/m3         ACGIH TLV (1994-09-01) as Sn         TLV-STEL: Permissible Exposure Level 10 mg/m3 Form: Total dust         OSHA PEL 1989 (1989-03-01)         PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust         OSHA PEL (1993-06-30)         PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust         NOSH REL (1994-06-01)         ACGIH TLV (1996-05-18)         TLV-TWA:	Ingredient name	Exposure limits
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PEL: Permissible Exposure Level 10 mg/m3 Form: Total dust         OSHA PEL (1993-06-30)         PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust         NIOSH REL (1994-06-01)         ACGIH TLV (1996-05-18)         TLV-TWA: Threshold Limit Value - Time weighted average PEL:         Permissible Exposure Level 10 mg/m3         Appropriate engineering controls         :       Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof		
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The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof		
concentrations below any lower explosive limits. Use explosion-proof		
ventilation equipment.		ventilation equipment.
• •	Environmental exposure controls	
checked to ensure they comply with the requirements of	*	
environmental protection legislation. In some cases, fume scrubbers,		
filters or engineering modifications to the process equipment will be		
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	necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.
Skin protection	
Hand protection	: 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	<ul> <li>Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	<ul> <li>Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.</li> </ul>

## Section 9. Physical and chemical properties

Appearance

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Physical state	:	solid [Powder.]
Color	:	WHITE
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
	:	<b>Upper:</b> Not available. Not available.
(flammable) limits	:	
(flammable) limits Vapor pressure	:	Not available.
(flammable) limits Vapor pressure Vapor density	:	Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density	:	Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility		Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water	:	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n-	:	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water	:	Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature	:	Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature	:	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.

## Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible materials	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing. Reactive or incompatible with the following materials: oxidizing materials
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Hazardous decomposition	:	Under normal conditions of storage and use, hazardous decomposition
products		products should not be produced.

## Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

#### **Information on toxicological effects**

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Titanium dioxide				
Remarks - Oral:	No applicable toxi	city data		
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Dibutyltin mercaptide				
	LD50 Oral	Rat	510 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable toxicity data			
Remarks - Dermal:	No applicable toxicity data			
Antimony trioxide				
	LD50 Oral	Rat	34,000 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable toxicity data			
Remarks - Dermal:	No applicable toxicity data			
Conclusion/Summary	: Mixtu	re.Not fully tested.		

**Conclusion/Summary** 

Mixture.Not fully tested.

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Antimony trioxide	Eyes - Mild	Rabbit			-
	irritant				
<b>Conclusion/Summary</b>					
Skin	: N	lixture.Not ful	ly tested.		
Eyes		lixture.Not ful			
Respiratory	: N	lixture.Not ful	ly tested.		
<b>Sensitization</b>					
Conclusion/Summary					
Skin	: N	lixture.Not ful	ly tested.		
Respiratory	: N	lixture.Not ful	ly tested.		
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<u>Mutagenicity</u>			
Conclusion/Summary	: N	lixture.Not fully	tested.
<b>Carcinogenicity</b>			
Conclusion/Summary Classification	: N	lixture.Not fully	tested.
Product/ingredient name	OSHA	IARC	NTP
Titanium dioxide		2B	
Antimony trioxide		2B	
<u>Reproductive toxicity</u> Conclusion/Summary	: M	lixture.Not fully	tested.
<b>Teratogenicity</b>			
Conclusion/Summary	: N	lixture.Not fully	tested.
Specific target organ toxicity Not available.	y (single exposu	<u>re)</u>	
<u>Specific target organ toxicity</u> Not available.	r (repeated exp	<u>osure)</u>	
<u>Aspiration hazard</u> Not available.			
Information on likely routes exposure	of : N	ot available.	
Potential acute health effects			
Eye contact			ne concentrations above statutory or recommended ay cause irritation of the eyes.
Inhalation	: E	xposure to airbor	ne concentrations above statutory or recommended ay cause irritation of the nose, throat and lungs.
Skin contact			ant effects or critical hazards.
Ingestion	: N	o known signific	ant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

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Eye contact :	Adverse symptoms may include the following: irritation redness
Inhalation :	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact :	No specific data.
Ingestion	No specific data.
ingestion .	No specific data.
Delayed and immediate effects as well a	as chronic effects from short and long-term exposure
Delayed and miniculate creets as well t	is enrouse enreets from short and long term exposure
<u>Short term exposure</u>	
Potential immediate effects :	Not available.
Potential delayed effects :	Not available.
Long term exposure	
Potential immediate effects :	Not available.
Potential delayed effects :	Not available.
Potential chronic health effects	
Conclusion/Summary :	Mixture.Not fully tested.
General :	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity :	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity :	No known significant effects or critical hazards.
Teratogenicity :	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
rentinty enterts	tio known significant checus of chuical nazarus.

### Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	26,679.2 mg/kg

## Section 12. Ecological information

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### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Titanium dioxide			
	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fish	96 h
Remarks - Acute - Fish:	Acute		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
Remarks - Acute - Aquatic plants:	No applicable toxicity data		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data		
Dibutyltin mercaptide			
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic	No applicable toxicity data		
invertebrates.:			
Remarks - Acute - Aquatic plants:	No applicable toxicity data		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data		
Antimony trioxide			_
	Acute LC50 > 530 Mg/l Fresh water	Fish - Fish	96 h
Remarks - Acute - Fish:	Acute		
	Acute EC50 560 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute EC50 0.42345 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute EC50 0.73 Mg/l Fresh water	Aquatic plants - Algae	72 h
Remarks - Acute - Aquatic plants:	Acute		
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	Acute EC50 0.74 Mg/l Fresh water	Aquatic plants - Algae	96 h
Remarks - Acute - Aquatic	Acute		
plants:			
	Acute NOEC 0.2 Mg/l Fresh water	Aquatic plants - Algae	96 h
Remarks - Acute - Aquatic	Chronic		
plants:			
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
Aquatic invertebrates.:			
Conclusion/Summary	: Not available.		

Persistence and degradability

**Conclusion/Summary** : Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
8-Oxa-3,5-dithia-4-	3.4	-	low
stannatetradecanoic acid, 4,4-dibutyl-			
10-ethyl-7-oxo-, 2-ethylhexyl ester			

#### Mobility in soil

Soil/water partition coefficient	:	Not available.
(KOC)		
Other adverse effects	:	No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling

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emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

## Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

## Section 15. Regulatory information

U.S. Federal regulations	<ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 5(a)2 - Final significant new use rules: Not listed</li> <li>United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 6 - Proposed risk management: Listed</li> </ul>
	United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(a) - Preliminary assessment report

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		(PAIR): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Antimony trioxide Rutile, antimony chromium buff Arsenic Lead
		United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Listed
Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential	:	Not listed

### US. EPA CERCLA Hazardous Substances (40 CFR 302)

Chemical Name	CAS-No.	RQ for component
Arsenic	7440-38-2	1 lb(s)
		0.454 kg

### SARA 311/312

**Chemicals**)

Classification

: Fire hazard Delayed (chronic) health hazard

### **Composition/information on ingredients**

Name	%	Classification
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Titanium dioxide	10 - 25	СН
Dibutyltin mercaptide	1 - 3	АН
Antimony trioxide	1 - 3	АН, СН

#### SARA 313

	Product name	CAS number	%
Form R - Reporting	Lead	7439-92-1	0 - 0.1
requirements			
	Antimony trioxide	1309-64-4	1 - 3
Supplier notification	Lead	7439-92-1	0 - 0.1
	Antimony trioxide	1309-64-4	1 - 3

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	The following components are listed: Antimony trioxide
New Jersey	:	The following components are listed: Titanium dioxide Antimony trioxide
Pennsylvania	:	The following components are listed: Titanium dioxide
		Antimony trioxide

### <u>California Prop. 65</u>

WARNING: This product contains a chemical known to the State of California to cause cancer.

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	Not determined.
International regulations		
<u>Inventory list</u>		
Australia	:	Not determined.
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Canada	:	Not determined.
China	:	Not determined.
Europe inventory	:	Not determined.
Japan	:	Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are listed or exempted.

## Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	*	0
Flammability		3
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

<b>Histor</b>		
Date of printing	:	04/03/2018
Date of issue/Date of revision	:	04/02/2018
Date of previous issue	:	03/24/2015
Version	:	1.4
Key to abbreviations	:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

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References

Not available.

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