### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 1 of 16 Print Date 03/01/2019

# SAFETY DATA SHEET

#### GEON X15006303806 WHITE

Section 1. Identification	on	
GHS product identifier	:	GEON X15006303806 WHITE
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	VC10004519
Product type	:	solid
<u>Relevant identified uses of the subs</u> Product use	stance :	e 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 for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.

#### GHS label elements

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019

**a**•

.

.

Page 2 of 16 Print Date 03/01/2019

Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.
Precautionary statements		
General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.

NT · 1

1

# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	VC10004519

#### CAS number/other identifiers

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

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 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



### GEON X15006303806 WHITE

Version Number 1.3	Page 3 of 16
Revision Date 02/28/2019	Print Date 03/01/2019

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. 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. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

#### Potential acute health effects

Eye contact Inhalation Skin contact Ingestion Over-exposure signs/symptoms	: : :	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical atte	ntior	n 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.

See toxicological information (Section 11)

# Section 5. Firefighting measures

#### Extinguishing media



### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019

### Page 4 of 16 Print Date 03/01/2019

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $CO_2$ . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
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- fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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 For emergency responders	:	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. Put on appropriate personal protective equipment. 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 containment	nt ar	nd cleaning up
Small spill Large spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a

*vOne* 

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 5 of 16 Print Date 03/01/2019

licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## **Section 7. Handling and storage**

#### Precautions for safe handling

Protective measures Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). 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 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. 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**

Ingredient name	Exposure limits
Dibutyltin mercaptide	OSHA PEL (1993-06-30) TWA 0.1 mg/m3 (as Sn) NIOSH REL (1994-06-01) Absorbed through skin. TWA 0.1 mg/m3 (as Sn) OSHA PEL 1989 (1989-03-01) Absorbed through skin. TWA 0.1 mg/m3 (as Sn) Form: Organic. ACGIH TLV (1996-05-18) Absorbed through skin. TWA 0.1 mg/m3 (as Sn) ACGIH TLV (1994-09-01) Absorbed through skin. STEL 0.2 mg/m3 (as Sn)
Titanium dioxide	<b>OSHA PEL 1989 (1989-03-01)</b> TWA 10 mg/m3 Form: Total dust
	5/40



### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019

### Page 6 of 16 Print Date 03/01/2019

		OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3
Appropriate engineering controls Environmental exposure controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be 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 necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures Eye/face protection	:	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. 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.
Skin protection		
Hand protection Body 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. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be
Other skin protection	:	approved by a specialist before handling this product. 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.
Respiratory protection	:	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.

# Section 9. Physical and chemical properties

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019

# <u>PolyOne</u>

Page 7 of 16 Print Date 03/01/2019

#### **Appearance**

Color:WHITEOdor:Not available.Odor threshold:Not available.pH:Not available.Boiling 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) limitsUpper: Not available.Vapor pressure:Not available.Solubility:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n-:Not available.octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity::Dynamic: Not available.Kinematic: Not available.	Physical state	:	solid [Pellets.]
Odor threshold:Not available.pH:Not available.Melting point:Not available.Boiling point:Not available.Boiling point:Not available.Burning time: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.Vapor pressure:Not available.Vapor density:Not available.Solubility in water:Not available.Partition coefficient: n-:Not available.octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Color	:	WHITE
pH:Not available.Melting point:Not available.Boiling point:Not available.Burning time: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.Vapor pressure:Not available.Vapor density:Not available.Solubility in water:Not available.Partition coefficient: n-:Not available.octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Odor	:	Not available.
Melting point:Not available.Boiling point:Not available.Burning time: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.Vapor pressure:Not available.Vapor density:Not available.Solubility in water:Not available.Partition coefficient: n-:Not available.octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Odor threshold	:	Not available.
Boiling point:Not available.Boiling point:Not available.Flash point:Not available.Burning time:Not available.Burning rate: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.Vapor pressure:Not available.Vapor density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	рН	:	Not available.
Flash point:Not available.Burning time:Not available.Burning rate: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.Vapor pressure:Not available.Vapor density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Melting 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) limitsUpper: Not available.Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Boiling point	:	Not available.
Burning rate:Not available.Evaporation rate:Not available.Flammability (solid, gas):Not available.Lower and upper explosive:Lower: Not available.(flammable) limitsUpper: Not available.Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Flash point	:	Not available.
Evaporation rate:Not available.Flammability (solid, gas):Not available.Lower and upper explosive:Lower: Not available.(flammable) limitsUpper: Not available.Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Burning time	:	Not available.
Flammability (solid, gas):Not available.Lower and upper explosive:Lower: Not available.(flammable) limits:Upper: Not available.Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n-:Not available.octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Burning rate	:	Not available.
Lower and upper explosive (flammable) limits:Lower: Not available.(flammable) limitsUpper: Not available.Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature SADT:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Evaporation rate	:	Not available.
(flammable) limitsUpper: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: Not available.Solubility: Not available.Solubility in water: Not available.Partition coefficient: n-: Not available.octanol/water: Not available.Auto-ignition temperature: Not available.Decomposition temperature: Not available.SADT: Not available.Viscosity: Dynamic: Not available.	Flammability (solid, gas)	:	Not available.
Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Lower and upper explosive	:	Lower: Not available.
Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.			
Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	(flammable) limits		Upper: Not available.
Solubility:Not available.Solubility in water:Not available.Partition coefficient: n-:Not available.octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.		:	
Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Vapor pressure	:	Not available.
Partition coefficient: n- octanol/waterNot available.Auto-ignition temperature Decomposition temperature SADTNot available.ViscosityNot available.	Vapor pressure Vapor density	:	Not available. Not available.
octanol/water:Not available.Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Vapor pressure Vapor density Relative density	::	Not available. Not available. Not available.
Auto-ignition temperature:Not available.Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Vapor pressure Vapor density Relative density Solubility	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available. Not available.
Decomposition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.	Vapor pressure Vapor density Relative density Solubility Solubility in water	:	Not available. Not available. Not available. Not available. Not available.
SADT:Not available.Viscosity:Dynamic: Not available.	Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n-	:	Not available. Not available. Not available. Not available. Not available.
Viscosity : Dynamic: Not available.	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.
	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.
Kinematic: Not available.	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.
	Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature SADT		Not available. 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	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.



### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019

Page 8 of 16 Print Date 03/01/2019

# 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	No applicable toxicity 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				
Conclusion/Summary	: Mixture.Not fully tested.				

**Conclusion/Summary** 

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild irritant	Human		72 hrs	-
Conclusion/Summary			•		·
Skin		/ixture.Not fu			
Eyes		/ixture.Not fu			
Respiratory	: N	lixture.Not fu	illy tested.		
Sensitization					
Conclusion/Summary					
Skin		lixture.Not fu	•		
Respiratory	: N	lixture.Not fu	illy tested.		
<u>Mutagenicity</u>					
Conclusion/Summary	: N	/lixture.Not fu	ally tested.		
<b>Carcinogenicity</b>					
Conclusion/Summary Classification	: N	/lixture.Not fu	illy tested.		



### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 9 of 16 Print Date 03/01/2019

Product/ingredient name	OSHA	IARC	NTP
Titanium dioxide		2B	
<u>Reproductive toxicity</u>			
Conclusion/Summary	: 1	Mixture.Not full	y tested.
<b>Teratogenicity</b>			
Conclusion/Summary	: 1	Aixture.Not full	y tested.
Specific target organ toxicity Not available.	y (single expos	<u>ure)</u>	
Specific target organ toxicity Not available.	y (repeated exp	<u>oosure)</u>	
Aspiration hazard Not available.			
Information on likely routes exposure	of : N	Not available.	
Potential acute health effects			
Eye contact	: 1	Jo known signif	icant effects or critical hazards.
Inhalation			icant effects or critical hazards.
Skin contact			icant effects or critical hazards.
Ingestion	: 1	No known signif	icant effects or critical hazards.
Symptoms related to the phy	sical, chemical	and toxicologi	cal characteristics
Eye contact	: 1	No specific data.	
Inhalation		No specific data.	
Skin contact		No specific data.	
Ingestion	: N	lo specific data.	
Delayed and immediate effec	ts as well as ch	nronic effects fr	om short and long-term exposure
<u>Short term exposure</u>			
Potential immediate effects Potential delayed effects		Not available. Not available.	

# <u>PolyOne</u>

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 10 of 16 Print Date 03/01/2019

Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
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.
Numerical measures of toxicity		

#### Acute toxicity estimates

Not available.

# Section 12. Ecological information

#### **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		



### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 11 of 16 Print Date 03/01/2019

Remarks - Chronic -	No applicable toxicity data
Aquatic invertebrates.:	
Dibutyltin mercaptide	
Remarks - Acute - Fish:	No applicable toxicity data
Remarks - Acute - Aquatic	No applicable toxicity data
invertebrates.:	
Remarks - Acute - Aquatic	No applicable toxicity data
plants:	
Remarks - Chronic - Fish:	No applicable toxicity data
Remarks - Chronic -	No applicable toxicity data
Aquatic invertebrates.:	
GEON X15006303806 WHIT	E
Remarks - Acute - Aquatic	Chemicals are not readily available as they are bound within the polymer matrix.
invertebrates.:	
<b>Conclusion/Summary</b>	: Chemicals are not readily available as they are bound within the
	polymer matrix.
Persistence and degradability	<u>v</u>
Conclusion/Summary	: Chemicals are not readily available as they are bound within the polymer matrix.
Conclusion/Summary	: Chemicals are not readily available as they are bound within the polymer matrix.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Dibutyltin mercaptide	3.4	-	low

#### **Mobility in soil**

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

# Section 13. Disposal considerations

vUne

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 12 of 16 Print Date 03/01/2019

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. 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	:	United States - TSCA 12(b) - Chemical export notification: None
_		of the components are listed.
		United States - TSCA 4(a) - Final Test Rules: Not listed
		United States - TSCA 4(a) - ITC Priority list: Not listed
		United States - TSCA 4(a) - Proposed test rules: Not listed
		United States - TSCA 4(f) - Priority risk review: Not listed
		United States - TSCA 5(a)2 - Final significant new use rules: Not
		listed
		United States - TSCA 5(a)2 - Proposed significant new use rules:
		Not listed
		United States - TSCA 5(e) - Substances consent order: Not listed
		United States - TSCA 6 - Final risk management: Not listed
		United States - TSCA 6 - Proposed risk management: Not listed
		United States - TSCA 8(a) - Chemical risk rules: Not listed
		United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed
		-

12/16

P<u>olyOne</u>

## GEON X15006303806 WHITE

Version Number 1.3	Page 13 of 16
Revision Date 02/28/2019	Print Date 03/01/2019

	<ul> <li>United States - TSCA 8(a) - Chemical Data Reporting (CDR): M determined</li> <li>United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed</li> <li>United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - EPA Clean water act (CWA) section 307 - Priori pollutants: Listed Vinyl chloride monomer</li> <li>Chromium iron oxide</li> <li>Rutile, antimony chromium buff</li> <li>Phenol</li> <li>Acrylonitrile</li> </ul>	
		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)	:	Listed
Hazardous Air Pollutants (HAPs)		
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	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential Chemicals)	:	Not listed
US. EPA CERCLA Hazardous Subs	stanc	<u>es (40 CFR 302)</u>

not applicable

#### SARA 311/312

Classification

: Not applicable.

#### Composition/information on ingredients

No products were found.

Name	%	Classification			
13/16					



### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019

### Page 14 of 16 Print Date 03/01/2019

Dibutyltin mercaptide	>= 1 - <= 3	ACUTE TOXICITY - oral - Category 4	
Titanium dioxide	>= 10 - <= 25	CARCINOGENICITY - Category 2	
SARA 313 Not applicable.			
<u>State regulations</u> Massachusetts	• None	of the components are listed.	
New York		of the components are listed.	
New Jersey		The following components are listed:	
	Titan	Calcium carbonate Titanium dioxide Ethene, chloro-, homopolymer	

Pennsylvania

Titanium dioxide

Calcium carbonate

:

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

**WARNING:** This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The following components are listed:

Ingredient name	No significant risk level	Maximum acceptable dosage level
Titanium dioxide	No.	No.

United States inventory (TSCA 8b)	:	: All components are listed or exempted.	
Canada inventory	: At least one component is not listed in DSL but all such components are listed in NDSL.		
International regulations			
Inventory list			
Australia	:	Not determined.	
Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.	
China	:	Not determined.	
Europe inventory	:	Not determined.	
Japan	:	Not determined.	
New Zealand	:	Not determined.	
Philippines	:	Not determined.	
		14/16	

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 15 of 16 Print Date 03/01/2019

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.)



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

<u>IIIStol y</u>		
Date of printing	:	03/01/2019
Date of issue/Date of revision	:	02/28/2019
Date of previous issue	:	05/14/2012
Version	:	1.3
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 = Intermediate 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
References	:	Not available.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or

)ne

### GEON X15006303806 WHITE

Version Number 1.3 Revision Date 02/28/2019 Page 16 of 16 Print Date 03/01/2019

completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.