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# SAFETY DATA SHEET

#### SR274928-01 EXP05162018

Section 1. Identification			
GHS product identifier	:	SR274928-01 EXP05162018	
Chemical name	:	Mixture	
CAS number	:	Mixture	
Other means of identification	:	VC10012371	
Product type	:	solid	
Relevant identified uses of the subs	tance	e or mixture and uses advised against	
Product use	:	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).	
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# 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

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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.

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# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	VC10012371

#### CAS number/other identifiers

Ingredient name	%	CAS number
2-Propenenitrile, polymer with Ethenylbenzene	10 - 25	9003-54-7
Titanium dioxide	5 - 10	13463-67-7
Styrene	0 - 0.3	100-42-5

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



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#### **Description of necessary first aid measures**

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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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	:	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.

#### **Over-exposure signs/symptoms**

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

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

Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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)



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# Section 5. Firefighting measures

#### **Extinguishing media**

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $\rm CO_2$ . 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 nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
Special protective actions for fire- fighters Special protective equipment 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. 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 and cleaning up

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Small 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.
Large spill	: 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 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
Styrene	OSHA PEL 1989 (1989-03-01)
	PEL: Permissible Exposure Level 215 mg/m3 50 ppm
	Short-term exposure limit (STEL). A limit value beyond which
	there should be no exposure and which refers to a period of fifteen
	minutes, unless otherwise stated. 425 mg/m3 100 ppm
	OSHA PEL Z2 (1993-06-30)
	PEL: Permissible Exposure Level 100 ppm



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	Ceiling-A concentration that should not be exceeded at any time during any part of the working day. 200 ppmAcceptable Maximum Peak (AMP) 600 ppmNIOSH REL (1994-06-01)Time Weighted Average (TWA) 215 mg/m3 50 ppmShort-term exposure limit (STEL). A limit value beyond which there should be no exposure and which refers to a period of fifteen minutes, unless otherwise stated. 425 mg/m3 100 ppmACGIH TLV (1997-05-21)TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 85 mg/m3 20 ppmTLV-STEL: Threshold Limit Value - Short Time Exposure Level 170 mg/m3 40 ppm
Titanium dioxide	OSHA PEL 1989 (1989-03-01)PEL: Permissible Exposure Level 10 mg/m3Form: Total dustOSHA PEL (1993-06-30)PEL: Permissible Exposure Level 15 mg/m3Form: Total dustNIOSH REL (1994-06-01)ACGIH TLV (1996-05-18)TLV-TWA: Threshold Limit Value - Time weighted average PEL:Permissible Exposure Level 10 mg/m3
2-Propenenitrile, polymer with Ethenylbenzene	
Appropriate engineering controls Environmental exposure controls	<ul> <li>Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</li> <li>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.</li> </ul>
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

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		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	:	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.
Body protection	:	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.
Other skin protection	:	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

### Appearance

Physical state	:	solid [Pellets.]
Color	:	NO PIGMENT
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.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.

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Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
-		Kinematic: 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.

# 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			
Styrene							
	LD50 Oral	Rat	2,650 mg/kg	-			
	LC50 Inhalation	Rat	2,770 ppm	4 h			
	LC50 Inhalation	Rat	11.8 Mg/l	4 h			
Remarks - Dermal:	No applicable toxicity data						
Titanium dioxide							
Remarks - Oral:	No applicable toxicity data						
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h			
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-			
2-Propenenitrile, polymer with	Ethenylbenzene						
	LD50 Oral	Rat	1,800 mg/kg	-			



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<b>Remarks - Inhalation:</b>	No applicable toxicity data
Remarks - Dermal:	No applicable toxicity data
Conclusion/Summary	: Mixture.Not fully tested.

**Irritation/Corrosion** 

Product/ingredient name	Result	Species	Score	Exposure	Observation
Styrene	Eyes - Mild	Human			-
-	irritant				
	Skin - Mild	Rabbit			-
	irritant				
	Skin -	Rabbit			-
	Moderate				
	irritant				
	Eyes - Severe	Rabbit			-
	irritant				
	Eyes -	Rabbit		24 hrs	-
	Moderate				
	irritant				
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Conclusion/Summary					

:	Mixture.Not full	y tested.
:	Mixture.Not full	y tested.
:	Mixture.Not full	y tested.
:	Mixture.Not full	y tested.
:	Mixture.Not full	y tested.
:	Mixture.Not full	y tested.
:	Mixture.Not full	y tested.
•		
OSHA	IARC	NTP
	2B	Reasonably anticipated to be a human carcinogen.
	2B	
	3	
	:	<ul> <li>Mixture.Not full</li> </ul>

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with Ethenylbenzene				
<b>Reproductive toxicity</b>				
Conclusion/Summary	:	M	xture.Not fully t	ested.
<u>Teratogenicity</u>				
Conclusion/Summary	:	M	xture.Not fully t	ested.
Specific target organ toxicity Not available.	(single e	xposu	<u>·e)</u>	
<u>Specific target organ toxicity</u> Not available.	(repeated	d expo	<u>sure)</u>	
Aspiration hazard Not available.				
Information on likely routes o exposure	f :	No	ot available.	
Potential acute health effects				
Eye contact Inhalation Skin contact Ingestion	:	No No	) known significa ) known significa	ant effects or critical hazards. ant effects or critical hazards. ant effects or critical hazards. ant effects or critical hazards.
Symptoms related to the physic	ical, cher	nical a	and toxicologica	l characteristics
Eye contact Inhalation Skin contact Ingestion	:	No No	specific data. specific data. specific data. specific data.	
Delayed and immediate effects	s as well	as chr	onic effects from	n short and long-term exposure
<u>Short term exposure</u>				
Potential immediate effects Potential delayed effects	:		ot available. ot available.	
Long term exposure				
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Potential immediate effects	:	Not available.
Potential delayed effects	:	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.
<b>Developmental effects</b>	:	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
Styrene			
	Acute LC50 4.02 Mg/l Fresh water	Fish - Fish	96 h
Remarks - Acute - Fish:	Acute		
	Acute EC50 0.0047 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute LC50 52 Mg/l Marine water	Aquatic invertebrates. Crustaceans	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute EC50 1.4 Mg/l Fresh water	Aquatic plants - Algae	72 h
Remarks - Acute - Aquatic plants:	Acute		
-	Acute EC50 0.72 Mg/l Fresh water	Aquatic plants - Algae	96 h
Remarks - Acute - Aquatic plants:	Acute		



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	Acute NOEC 0.063 Mg/l Fresh	Aquatic plants - Algae	96 h		
	water				
Remarks - Acute - Aquatic	Chronic				
plants:					
Remarks - Chronic - Fish:	No applicable toxicity data				
<b>Remarks - Chronic -</b>	No applicable toxicity data				
Aquatic invertebrates.:					
Titanium dioxide					
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h		
Demonstra Acata Elabo	water				
Remarks - Acute - Fish:	Acute	A	40.1		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
Remarks - Acute - Aquatic	Acute				
invertebrates.:			1		
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
Remarks - Acute - Aquatic	Acute	<b>_</b>	4		
invertebrates.:					
Remarks - Acute - Aquatic	No applicable toxicity data				
plants:	-				
Remarks - Chronic - Fish:	No applicable toxicity data				
Remarks - Chronic -	No applicable toxicity data	No applicable toxicity data			
Aquatic invertebrates.:					
2-Propenenitrile, polymer with					
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.: SR274928-01 EXP05162018					
	Chamicals are not readily available a	a than are haved within the	nolumon motili		
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily available a	is they are bound within the	e porymer matrix.		
Conclusion/Summary	: Chemicals are not readil	ly available as they are bou	nd within the		
Conclusion, Summary	polymer matrix.	if a valuation as alloy allo obta			
Persistence and degradability	Y				
Conclusion/Summary	: Chemicals are not readil polymer matrix.	ly available as they are bou	nd within the		

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**Conclusion/Summary** 

Chemicals are not readily available as they are bound within the polymer matrix.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Benzene, ethenyl-	0.35	13.49	low

#### Mobility in soil

Soil/water partition coefficient (KOC)	:	Not available.
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. 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

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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
		United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not
		determined
		United States - TSCA 8(a) - Preliminary assessment report
		(PAIR): Listed Cyclohexene, 4-ethenyl-
		<b>United States - TSCA 8(c) - Significant adverse reaction (SAR):</b> 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 Rutile, antimony chromium buff Phthalocyanine green
		Acrylonitrile
		Vinyl chloride monomer
		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

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Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs)		
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		Not lists d
DEA List I Chemicals (Precursor	:	Not listed
Chemicals) DEA List II Chemicals (Essential	:	Not listed
Chemicals)	•	not fisted
Citerinears)		

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

not applicable

#### SARA 311/312

Classification

Not applicable.

:

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

Name	%	Classification
Styrene	0 - 0.3	F, AH, CH
Titanium dioxide	5 - 10	СН
2-Propenenitrile, polymer with Ethenylbenzene	10 - 25	АН

#### **SARA 313**

	Product name	CAS number	%
Form R - Reporting	Styrene	100-42-5	0 - 0.3
requirements			
Supplier notification	Styrene	100-42-5	0 - 0.3

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: Styrene
New Jersey	: The following components are listed: Styrene

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Pennsylvania	:	Titanium dioxide 2-Propenenitrile, polymer with Ethenylbenzene Ethene, chloro-, homopolymer The following components are listed: Styrene Titanium dioxide			
California Prop. 65 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	:	All components are listed or exempted.			
International regulations					
<u>Inventory list</u>					
Australia	:	All components are listed or exempted.			
Canada	:	All components are listed or exempted.			
China	:	All components are listed or exempted.			
Europe inventory	:	All components are listed or exempted.			
Japan	:	Not determined.			
New Zealand	:	All components are listed or exempted.			
Philippines	:	All components are listed or exempted.			
Republic of Korea Taiwan	:	All components are listed or exempted.			
	-	All components are listed or exempted. Not determined.			
Turkey United States		All components are listed or exempted.			
Omicu States	•	All components are listed of exempted.			

# **Section 16. Other information**

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

Health	/	0
Flammability		0
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

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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	:	05/26/2018
Date of issue/Date of revision	:	05/25/2018
Date of previous issue	:	00/00/0000
Version	:	1.0
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

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