### WHITE LMPS V2

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# SAFETY DATA SHEET

#### WHITE LMPS V2

Section 1. Identification		
GHS product identifier	:	WHITE LMPS V2
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	CC10279897
Product type	:	solid
Relevant identified uses of the subs	tance	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).

## 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. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, 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	:	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		
Signal word	:	No signal word.
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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.

## Section 3. Composition/information on ingredients

:

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10279897

CAS number/other identifiers

%	CAS number
25 - 50	9003-55-8
25 - 50	13463-67-7
•	

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

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.

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		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 <u>Over-exposure signs/symptoms</u>	<ul> <li>No known significant effects or critical hazards.</li> </ul>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.
Indication of immediate medical att	ntion and special treatment needed, if necessary
Notes to physician	: In case of inhalation of decomposition products in a fire, symptom 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)

## Section 5. Firefighting measures

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#### **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	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides 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 and cleaning up		
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
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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**

Exposure limits
OSHA PEL 1989 (1989-03-01)
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

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Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	:	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	:	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.
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

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#### Appearance

Physical state	:	solid [Pellets.]
Color	:	WHITE
Odor	:	Faint odor.
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	:	insoluble in water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	-	Not available.
SADT	-	Not available.
Viscosity	-	<b>Dynamic:</b> Not available.
· · · · · · · · ·		<b>Kinematic:</b> 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	:	Keep away from strong acids. Oxidizer.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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## 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		
Remarks - Oral:	No applicable toxic	city data				
<b>Remarks - Inhalation:</b>	No applicable toxic	No applicable toxicity data				
<b>Remarks - Dermal:</b>	No applicable toxic	No applicable toxicity data				
Titanium dioxide						
Remarks - Oral:	No applicable toxic	city data				
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h		
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-		
Conclusion/Summary	: Mixtu	re.Not fully tested.				

Conclusion/Summary

Mixture.Not fully tested.

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Styrene-Butadiene polymer	Eyes - Mild	Rabbit		24 hrs	-
5 1 5	irritant				
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Conclusion/Summary		· · ·			
Skin	: N	lixture.Not fully	tested.		
Eyes	: N	lixture.Not fully	tested.		
Respiratory	: N	lixture.Not fully	tested.		
Conclusion/Summary Skin Respiratory		lixture.Not fully lixture.Not fully			
Mutagenicity					
Conclusion/Summary	: N	fixture.Not fully	tested.		
<b>Carcinogenicity</b>					
Conclusion/Summary	: N	lixture.Not fully	tastad		

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Product/ingredient	OSHA	IARC	NTP
name		2	
Styrene-Butadiene polymer		3	
Titanium dioxide		2B	
I ftailium dioxide		20	
<u>Reproductive toxicity</u>			
Conclusion/Summary	:	Mixture.Not fu	ally tested.
<u>Feratogenicity</u>			
Conclusion/Summary	:	Mixture.Not fu	ally tested.
Specific target organ toxicity Not available.	(single exp	<u>osure)</u>	
Specific target organ toxicity Not available.	(repeated e	exposure)	
Aspiration hazard Not available.			
nformation on likely routes o xposure	f :	Not available.	
Potential acute health effects			
Eye contact	:	No known sign	nificant effects or critical hazards.
nhalation			nificant effects or critical hazards.
Skin contact	:		nificant effects or critical hazards.
ngestion	:		nificant effects or critical hazards.
ymptoms related to the phys	ical, chemio	cal and toxicolog	gical characteristics
Eye contact	:	No specific dat	ta
Inhalation		No specific dat	
Skin contact		No specific dat	
Ingestion		No specific dat	
ngeouon	•	i to specific dat	
elayed and immediate effect	s as well as	chronic effects	from short and long-term exposure
Short term exposure			
onor t term exposure			

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Potential immediate effects Potential delayed effects	:	Not available. Not available.
Long term exposure		
Potential immediate effects	:	Not available. 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.
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**

Result Species Exposure				
No applicable toxicity data				
No applicable toxicity data				
No applicable toxicity data				
No applicable toxicity data				
No applicable toxicity data				
Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h		
water				
	No applicable toxicity data         Acute LC50 > 1,000 Mg/l Marine	No applicable toxicity data         Acute LC50 > 1,000 Mg/l Marine		



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Remarks - Acute - Fish:	Acute			
	Acute LC5	0 3 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h
Remarks - Acute - Aquatic	Acute			
invertebrates.:				
	Acute LC5	0 6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic	Acute		Dapillia	
invertebrates.:	Acute			
Remarks - Acute - Aquatic	No applical	ole toxicity data		
plants:	ito uppilou	sie tokienty dutu		
Remarks - Chronic - Fish:	No applical	ole toxicity data		
Remarks - Chronic -		ole toxicity data		
Aquatic invertebrates.:	11			
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Remarks - Acute - Aquatic invertebrates.:	Chemicals	are not readily available a	s they are bound within the	e polymer matrix.
Conclusion/Summary	:	Chemicals are not readil	y available as they are bou	nd within the
Conclusion/Summary	•	polymer matrix.	y available as they are bou	
Persistence and degradability	7	1 2		
<u>r ersistence and degradabilit</u>	<u>_</u>			
Conclusion/Summary	:	Chemicals are not readil polymer matrix.	y available as they are bou	nd within the
		porymer matrix.		
Conclusion/Summary	:	Chemicals are not readil polymer matrix.	y available as they are bou	nd within the
<b>Bioaccumulative potential</b> Not available.				
<u>Mobility in soil</u>				
Soil/water partition coefficie	ent :	Not available.		
(KOC) Other adverse effects	:	No known significant ef	fects 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

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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	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.

## 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

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		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
		<ul> <li>(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 - Priority pollutants: Listed Copper hydroxide phosphate (Cu2(OH)(PO4))</li> </ul>
		United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not 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)	:	Not 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

Chemicals)

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

not applicable

#### <u>SARA 311/312</u>

Classification

: Not applicable.

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

Name	%	Classification
Styrene-Butadiene polymer	25 - 50	AH
Titanium dioxide	25 - 50	СН



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#### SARA 313

	Product name	CAS number	%
Form R - Reporting	Copper hydroxide phosphate	12158-74-6	5 - 10
requirements	(Cu2(OH)(PO4))		
Supplier notification	Copper hydroxide phosphate	12158-74-6	5 - 10
	(Cu2(OH)(PO4))		

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.

New Jersey       :       The following components are listed: Titanium dioxide Copper hydroxide phosphate (Cu2(OH)(PO4)))         Pennsylvania       :       The following components are listed: Aluminum hydroxide         Silica, amorphous       Silica, amorphous         Copper hydroxide phosphate (Cu2(OH)(PO4))) Titanium dioxide       Titanium dioxide         California Prop. 65       Copper hydroxide phosphate (Cu2(OH)(PO4))) Titanium dioxide         VaRNING: 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       :         International regulations         International regulations	<u>State regulations</u> Massachusetts New York	:	None of the components are listed. None of the components are listed.
Aluminum hydroxide         Silica, amorphous         Copper hydroxide phosphate (Cu2(OH)(PO4))         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       :         At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations         Inventory list         Australia       :         Canada       :         At least one component is not listed in DSL but all such components are listed in NDSL.         China       :         China       :         Europe inventory       :         All components are listed or exempted.         Europe inventory       :         All components are listed or exempted.         Europe inventory       :         All components are listed or exempted.         Europe inventory       :         All components are listed or exempted.         Europe inventory       :         All components are listed or exempted.         Europe inventory       :         All components are	New Jersey	:	Titanium dioxide
Copper hydroxide phosphate (Cu2(OH)(PO4)))         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       :         At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations         Inventory list         Australia       :         Canada       :         At least one component is not listed in DSL but all such components are listed in NDSL.         China       :         Europe inventory       :         Japan       :         Not determined.         :       All components are listed or exempted.	Pennsylvania	:	
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       : At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations       International regulations         Inventory list       : Not determined.         Canada       : At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations       : At least one component is not listed in DSL but all such components are listed in NDSL.         China       : At least one component is not listed in DSL but all such components are listed in NDSL.         China       : All components are listed or exempted.         Europe inventory       : All components are listed or exempted.         Japan       : Not determined.			Silica, amorphous
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       :       At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations       International regulations         Liventory list       :       Not determined.         Canada       :       At least one component is not listed in DSL but all such components are listed in NDSL.         Liventory list       :       At least one component is not listed in DSL but all such components are listed in NDSL.         China       :       At least one component is not listed in DSL but all such components are listed in NDSL.         China       :       At least one component is not listed in DSL but all such components are listed in NDSL.         China       :       At least one component are listed or exempted.         Europe inventory       :       All components are listed or exempted.         Japan       :       Not determined.			Copper hydroxide phosphate (Cu2(OH)(PO4))
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       : At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations       : International regulations         Inventory list       : Not determined.         Canada       : At least one component is not listed in DSL but all such components are listed in NDSL.         Inventory list       : Not determined.         Canada       : At least one component is not listed in DSL but all such components are listed in NDSL.         China       : At least one component is not listed in DSL but all such components are listed in NDSL.         China       : All components are listed or exempted.         Europe inventory       : All components are listed or exempted.         Japan       : Not determined.			Titanium dioxide
Canada inventory       : At least one component is not listed in DSL but all such components are listed in NDSL.         International regulations       : International regulations         Inventory list       : Not determined.         Canada       : Not determined.         Canada       : At least one component is not listed in DSL but all such components are listed in NDSL.         China       : At least one component is not listed in DSL but all such components are listed in NDSL.         China       : All components are listed or exempted.         Europe inventory       : All components are listed or exempted.         Japan       : Not determined.		hemi	ical known to the State of California to cause cancer.
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       : All components are listed or exempted.         Europe inventory       : All components are listed or exempted.         Japan       : Not determined.	United States inventory (TSCA 8b)	:	All components are listed or exempted.
Inventory list       :       Not determined.         Australia       :       Not determined.         Canada       :       At least one component is not listed in DSL but all such components are listed in NDSL.         China       :       All components are listed or exempted.         Europe inventory       :       All components are listed or exempted.         Japan       :       Not determined.	Canada inventory	:	
Australia:Not determined.Canada:At least one component is not listed in DSL but all such components are listed in NDSL.China:All components are listed or exempted.Europe inventory:All components are listed or exempted.Japan:Not determined.	International regulations		
Canada:At least one component is not listed in DSL but all such components are listed in NDSL.China:All components are listed or exempted.Europe inventory:All components are listed or exempted.Japan:Not determined.	Inventory list		
China:All components are listed or exempted.Europe inventory:All components are listed or exempted.Japan:Not determined.	Australia	:	Not determined.
Europe inventory:All components are listed or exempted.Japan:Not determined.	Canada	:	
Japan : Not determined.		:	
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New Zealand :	Not determined.
Philippines :	Not determined.
Republic of Korea :	All components are listed or exempted.
Taiwan :	All components are listed or exempted.
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		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 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

History		
Date of printing	:	03/23/2018
Date of issue/Date of revision	:	03/22/2018
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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 = International Air Transport Association IBC = 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)
References	:	UN = United Nations Not available.
Notice to reader		



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