P<u>olyOne</u> gsdi

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# SAFETY DATA SHEET

### SILCOPAS BLUE

Section 1. Identification	n	
GHS product identifier Chemical name CAS number Other means of identification Product type	::	SILCOPAS BLUE Mixture Mixture FO20040092 liquid
Relevant identified uses of the subs	tance	or mixture and uses advised against
Product use	:	Industrial applications. Plastics.
Supplier's details	:	<b>GSDI Specialty Dispersions, Inc.</b> 1675 Navarre Road SW, Massillon, Ohio USA 44646
		1 (440) 930-1000 or 1 (866) POLYONE
<b>Emergency telephone number</b> (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. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants 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. 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		
<u> </u>		
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	:	FO20040092

**CAS number/other identifiers** 

Ingredient name	%	CAS number
Titanium dioxide	5 - 10	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. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable
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		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	:	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.	
<b>Over-exposure signs/symptoms</b>			
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	:	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	on 11		

Section 5. Fire-fighting 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	:	In a fire or if heated, a pressure increase will occur and the container may burst.
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Hazardous thermal	:	Decomposition products may include the following materials:

decomposition products		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 specialised 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 aı	nd cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



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# **Section 7. Handling and storage**

### Precautions for safe handling

Protective measures 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
Titanium dioxide	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
Appropriate engineering controls	
	exposure to airborne contaminants.
Environmental exposure controls	1 1 1
	checked to ensure they comply with the requirements of
	environmental protection legislation. In some cases, fume scrubbers,
	filters or engineering modifications to the process equipment will be



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		necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
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	:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

# Section 9. Physical and chemical properties

### **Appearance**

Physical state	:	liquid [Paste.]
Color	:	BLUE
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.



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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.
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	:	Keep away from strong acids. Oxidizer.
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



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Titanium dioxide				
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Conclusion/Summary	: Mixtu	re.Not fully tested.		

### Irritation/Corrosion

Titanium dioxide       Skin - Mild irritant       Human       72 hrs       -         Conclusion/Summary       Skin       :       Mixture.Not fully tested.       -         Skin       :       Mixture.Not fully tested.       -       -         Sensitization       Sensitization       -       -       -         Conclusion/Summary       :       Mixture.Not fully tested.       -       -         Skin       :       Mixture.Not fully tested.       -       -       -         Sensitization       Conclusion/Summary       :       Mixture.Not fully tested.       -       -         Skin       :       Mixture.Not fully tested.       - <t< th=""><th>Product/ingredient name</th><th>Result</th><th>Species</th><th>Score</th><th>Exposure</th><th>Observation</th></t<>	Product/ingredient name	Result	Species	Score	Exposure	Observation
Conclusion/Summary       i       Mixture.Not fully tested.         Eyes       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Sensitization	Titanium dioxide		Human		72 hrs	-
Skin:Mixture.Not fully tested.Eyes:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Sensitization:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Skin:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Feratogenicity:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Feratogenicity:Mixture.Not fully tested.Specific target organ toxicity (single exposure) Not available.Specific target organ toxicity (repeated exposure) Not available.Specific target organ toxicity (repeated exposure) Not available.Specific target organ toxicity (repeated exposure) 	~	irritant				
Eyes:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Sensitization:Mixture.Not fully tested.Conclusion/Summary Skin:Mixture.Not fully tested.Mutagenicity:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Specific target organ toxicity (single exposure) Not available.Mixture.Not fully tested.Specific target organ toxicity (repeated exposure) Not available.Mixture.Not fully tested.Aspiration hazard:		,				
Respiratory       :       Mixture.Not fully tested.         Sensitization						
Sensitization         Sensitization         Conclusion/Summary         Skin       :         Mixture.Not fully tested.         Respiratory       :         Mixture.Not fully tested.         Mutagenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Reproductive toxicity         Conclusion/Summary       :         Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure) Not available.         Aspiration hazard						
Conclusion/Summary       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       .       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       .       Mixture.Not fully tested.         Carcinogenicity       .       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Reproductive toxicity       .       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.       Not available.         Specific target organ toxicity (repeated exposure) Not available.       Specific target organ toxicity (repeated exposure)         Aspiration hazard       .       .	Respiratory	: 1	Insture.Not fu	illy tested.		
Skin:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Mutagenicity:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Reproductive toxicity:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Specific target organ toxicity (single exposure) Not available.Mixture.Not fully tested.Specific target organ toxicity (repeated exposure) Not available.Mixture.Not fully tested.Aspiration hazard:	<b>Sensitization</b>					
Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Reproductive toxicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.       Mixture.Not fully tested.         Specific target organ toxicity (repeated exposure) Not available.       Specific target organ toxicity (repeated exposure)         Aspiration hazard       :       :						
Mutagenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Reproductive toxicity         Conclusion/Summary       :         Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure) Not available.         Aspiration hazard						
Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Reproductive toxicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.       :         Specific target organ toxicity (repeated exposure) Not available.       :         Aspiration hazard       :	Respiratory	: N	lixture.Not fu	illy tested.		
Carcinogenicity       Image: Strategy of the start of the strategy of	<b>Mutagenicity</b>					
Conclusion/Summary       :       Mixture.Not fully tested.         Reproductive toxicity       Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.       Not available.         Specific target organ toxicity (repeated exposure) Not available.       Not available.         Aspiration hazard       Image: Conclusion (Conclusion (Conclusion))	Conclusion/Summary	: N	/lixture.Not fu	ally tested.		
Reproductive toxicity         Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure) Not available.         Aspiration hazard	<b>Carcinogenicity</b>					
Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity	Conclusion/Summary	: N	/lixture.Not fu	ally tested.		
Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure) Not available.         Aspiration hazard	<u>Reproductive toxicity</u>					
Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.       : Mixture.Not fully tested.         Specific target organ toxicity (repeated exposure) Not available.       : Mixture.Not fully tested.         Specific target organ toxicity (repeated exposure) Not available.       : Mixture.Not fully tested.         Aspiration hazard       : Mixture.Not fully tested.	Conclusion/Summary	: N	/lixture.Not fu	ally tested.		
<ul> <li><u>Specific target organ toxicity (single exposure)</u> Not available.</li> <li><u>Specific target organ toxicity (repeated exposure)</u> Not available.</li> <li><u>Aspiration hazard</u></li> </ul>	<b>Teratogenicity</b>					
Not available.         Specific target organ toxicity (repeated exposure)         Not available.         Aspiration hazard	Conclusion/Summary	: N	/lixture.Not fu	ally tested.		
Not available. Aspiration hazard		ty (single expos	<u>ıre)</u>			
Aspiration hazard Not available.		ty (repeated exp	oosure)			
	Aspiration hazard Not available.					



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Information on the likely routes of exposure	:	Not available.
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.
Symptoms related to the physical, cl	hemi	cal and toxicological characteristics
Eye contact Inhalation Skin contact Ingestion	::	No specific data. No specific data. No specific data. No specific data.
Delayed and immediate effects and a	also (	chronic effects from short and long term exposure
Short term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General Carcinogenicity Mutagenicity Teratogenicity Developmental effects Fertility effects	:	No known significant effects or critical hazards. No known significant effects or critical hazards.
Numerical measures of toxicity		
Acute toxicity estimates		
Not available.		

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# Section 12. Ecological information

### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Titanium dioxide			
	Acute LC50 > 1,000,000 μg/l	Fish - Fish	96 h
	Marine water		
	Acute LC50 > 1,000 mg/l Fresh	Fish - Fish	96 h
	water		
	Acute LC50 > 1,000,000 μg/l	Fish - Fish	96 h
	Marine water		
	Acute LC50 13 mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
	Acute LC50 6.5 mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
	Acute LC50 3 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 15.9 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 3.6 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 11 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 13.4 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute EC50 27.8 mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
	Acute EC50 19.3 mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
	Acute EC50 35.306 mg/l Fresh	Aquatic invertebrates.	48 h
	water	Daphnia	

**Conclusion/Summary** 

: Not available.

#### Persistence and degradability

**Conclusion/Summary** 

Not available.

:

### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Titanium dioxide		-	low
10/14			



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#### Mobility in soil

Soil/water partition coefficient:Not available.(KOC):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 Classification	:	Not regulated for transportation.
ICAO/IATA	:	Consult mode specific transport rules
IMO/IMDG (maritime)	:	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



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	United States - TSCA 5(a)2 - Proposed significant new use rule
-	Not listed
	United States - TSCA 5(e) - Substances consent order: Not list
	United States - TSCA 6 - Final risk management: Not listed
	United States - TSCA 6 - Proposed risk management: Not liste
	United States - TSCA 8(a) - Chemical risk rules: Not listed
	United States - TSCA 8(a) - Dioxin/Furane precusor: Not liste
l	United States - TSCA 8(a) - Chemical Data Reporting (CDR):
Ċ	letermined
l	United States - TSCA 8(a) - Preliminary assessment report
(	PAIR): Not listed
J	United States - TSCA 8(c) - Significant adverse reaction (SAR)
ľ	Not listed
l	United States - TSCA 8(d) - Health and safety studies: Not list
l	United States - EPA Clean water act (CWA) section 307 - Prio
F	collutants: Not listed
l	United States - EPA Clean water act (CWA) section 311 -
ł	Hazardous substances: Not listed
l	United States - EPA Clean air act (CAA) section 112 - Acciden
r	elease prevention - Flammable substances: Not listed
J	United States - EPA Clean air act (CAA) section 112 - Acciden
r	elease prevention - Toxic substances: Not listed
l	United States - Department of commerce - Precursor chemical
	Not listed

Clean Air Act Section 112(b)	:	Not 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		
DEA List I Chemicals (Precursor	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

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

not applicable

### SARA 311/312

Classification

: Not applicable.

**Composition/information on ingredients** 



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Name	%	Classification
Titanium dioxide	5 - 10	СН
SARA 313 Not applicable.		
<u>State regulations</u> Massachusetts New York New Jersey Pennsylvania	<ul> <li>None of the components are 1</li> <li>None of the components are 1</li> <li>The following components at Titanium dioxide</li> <li>The following components at Titanium dioxide</li> </ul>	listed. re listed:
<u>California Prop. 65</u> WARNING: This product contains a c	hemical known to the State of Calif	fornia to cause cancer.
United States inventory (TSCA 8b)	: All components are listed or	exempted.
Canada inventory	: All components are listed or	exempted.
International regulations		
International lists	Taiwan Chemical Substance are listed or exempted. Malaysia Inventory (EHS I EINECS: All components an Japan inventory: All comp China inventory (IECSC): Korea inventory: All comp New Zealand Inventory of are listed or exempted.	
Chemical Weapons Convention List Schedule I Chemicals	: Not listed	
Chemical Weapons Convention List Schedule II Chemicals	: Not listed	
Chemical Weapons Convention List Schedule III Chemicals	: Not listed	

# Section 16. Other information



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

Health	*	1
Flammability		0
Physical hazards		0
~		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 are not required on SDSs 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 mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

History

<u>IIIStol y</u>		
Date of printing	:	12/07/2016
Date of issue/Date of revision	:	12/05/2016
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 $73/78$ = 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.

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