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SAFETY DATA SHEET

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Section 1. Identification		
GHS product identifier Chemical name CAS number Other means of identification Product type	:	X ET 245551#SR-21965 Grey Mixture Mixture EM10041591 solid
<u>Relevant identified uses of the subs</u> Product use	tance :	e or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012
Emergency telephone number (with hours of operation)	:	1 (440) 930-1000 or 1 (866) POLYONE 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	:	EM10041591

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	1 - 5	13463-67-7
Ouartz	0.1 - 1	14808-60-7
2 mm 12	0.1 1	1.000.007
Bisphenol A - Epichlorohydrin polymer	0.1 - 1	25068-38-6

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



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

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact Inhalation Skin contact Ingestion Over-exposure signs/symptoms	: : :	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical atter	ntior	n and special treatment needed, if necessary
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

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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 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 containme	nt ar	nd 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 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.



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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
Bisphenol A - Epichlorohydrin polymer	



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Quartz	OSHA PEL 1989 (1989-03-01) Calculated as Quartz
	PEL: Permissible Exposure Level 0.1 mg/m3 Form: Respirable dust
	OSHA - PEL Z3 (1997-09-03)
	Time Weighted Average (TWA) Form: Respirable
	Time Weighted Average (TWA) 10 mg/m3 Form: Respirable
	Time Weighted Average (TWA) 30 mg/m3 Form: Total dust
	NIOSH REL (1994-06-01)
	Time Weighted Average (TWA) 0.05 mg/m3 Form: Respirable dust
	ACGIH TLV (2005-12-09)
	TLV-TWA: Threshold Limit Value - Time weighted average PEL:
	Permissible Exposure Level 0.025 mg/m3 Form: Respirable fraction
	OSHA PEL (2016-06-23)
	PEL: Permissible Exposure Level 0.05 mg/m3 Form: Respirable dust
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	
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.
	necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical
Hygiene meusures	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
F	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.
Chine must action	
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
~ 1	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
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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	:	GREY
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.
	:	Upper: Not available. Not available.
(flammable) limits	:	
(flammable) limits Vapor pressure	:	Not available.
(flammable) limits Vapor pressure Vapor density	:	Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density	:	Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility		Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water	:	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n-	:	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water	:	Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature		Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature		Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.			
Chemical stability	: Stable under recommended storage and handling conditions (see			
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Possibility of hazardous reactions	:	Section 7). 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
Bisphenol A - Epichlorohydr	in polymer		·	
	LD50 Oral	Rat	13,600 mg/kg	-
	LD50 Oral	Rat	11,400 mg/kg	-
	LD50 Oral	Rat	11,400 mg/kg	-
	LD50 Oral	Rat	30,000 mg/kg	-
	LD50 Oral	Rat	30,000 mg/kg	-
	LD50 Oral	Rat	30,000 mg/kg	-
	LD50 Oral	Rat	30,000 mg/kg	-
	LD50 Oral	Rat	13,600 mg/kg	-
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	. <u> </u>	÷

Conclusion/Summary

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Bisphenol A -	Eyes - Mild	Rabbit			-
Epichlorohydrin polymer	irritant				
	Eyes - Mild	Rabbit			-
	irritant				
	Skin -	Rabbit		24 hrs	-
	Moderate				
	irritant				
	Skin - Severe	Rabbit		24 hrs	-



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Eyes - Mild irritant Rabbit irritant - Titanium dioxide Skin - Mild irritant Human 72 hrs - Conclusion/Summary Skin - Mild irritant Human 72 hrs - Skin : Mixture.Not fully tested. - - Respiratory : Mixture.Not fully tested. - - Sensitization Conclusion/Summary : Mixture.Not fully tested. . . Skin : Mixture.Not fully tested. . . Skin : Mixture.Not fully tested. . . Mutagenicity Conclusion/Summary : Mixture.Not fully tested. . . Conclusion/Summary : Mixture.Not fully tested. . . Conclusion/Summary : Mixture.Not fully tested. . . Quartz 1 Known to be a human carcinogen. . . Reproductive toxicity Quartz 1 Known to be a human carcinogen. . . Specific target organ toxicity (single exposure) Not availabl		irritant					
irritantImage: Skin - Mild irritantHuman irritant72 hrs-Titanium dioxideSkin - Mild irritantHuman irritant72 hrs-Conclusion/Summary:Mixture.Not fully testedSkin:Mixture.Not fully testedRespiratory:Mixture.Not fully tested.Skin:Mixture.Not fully tested.Skin:Mixture.Not fully tested.Skin:Mixture.Not fully 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.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Quartz1Known to be a human carcinogen.Quartz1Known to be a human carcinogen.Conclusion/Summary: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.Conclusion/Summary:Mixture.Not fully tested.Specific target organ toxicity (repeated exposure).Not availableSpecific target organ toxicity (repeated exposure).Pro			Rabbit				
Titanium dioxide Skin - Mild irritant Human 72 hrs - Conclusion/Summary Skin : Mixture.Not fully tested. - Skin : Mixture.Not fully tested. - - Sensitization - - - - Conclusion/Summary : Mixture.Not fully tested. - - Sensitization - - - - - Conclusion/Summary : Mixture.Not fully tested. - - - Mutagenicity - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -<		•	1				
Conclusion/Summary 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. Respiratory : Mixture.Not fully tested. Mutagenicity : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Carcinogenicity : Conclusion/Summary Conclusion/Summary : Mixture.Not fully tested. Classification : Conclusion/Summary Product/ingredient OSHA IARC NTP name : 1 Known to be a human carcinogen. Quartz : 1 Known to be a human carcinogen. 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 (singl	Titanium dioxide		Human		72 hrs	-	
Skin : Mixture.Not fully tested. Eyes : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Sensitization : Sensitization Conclusion/Summary : Mixture.Not fully tested. Respiratory : 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. Conclusion/Summary : Mixture.Not fully tested. Cassification : : Product/ingredient OSHA IARC NTP name : 1 Known to be a human carcinogen. Quartz : 1 Known to be a human carcinogen. Reproductive toxicity : : : Conclusion/Summary : Mixture.Not fully tested. : Specific target organ toxicity (single exposure) : : : Not available. : :		irritant					
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Respiratory : Mixture.Not fully tested. Sensitization							
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Conclusion/Summary : Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Product/ingredient name Category Route of exposure Target organs	Conclusion/Summary	: M	ixture.Not fu	lly tested.			
Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Product/ingredient name Category Route of exposure Target organs	Teratogenicity						
Specific target organ toxicity (repeated exposure) Product/ingredient name Category Route of exposure Target organs	Conclusion/Summary	: M	ixture.Not fu	lly tested.			
Product/ingredient name Category Route of exposure Target organs	Specific target organ toxicit Not available.	y (single exposu	<u>re)</u>				
	Specific target organ toxicit						
Quartz Category 1	Product/ingredient name]	Route of ex	posure Targ	et organs	
	Quartz	Category 1					

Aspiration hazard

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Not available. Not available. Information on likely routes of exposure Potential acute health effects Eve contact No known significant effects or critical hazards. : Inhalation No known significant effects or critical hazards. : Skin contact No known significant effects or critical hazards. : No known significant effects or critical hazards. Ingestion : Symptoms related to the physical, chemical and toxicological characteristics No specific data. Eye contact : No specific data. Inhalation : **Skin contact** No specific data. : No specific data. Ingestion : Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure **Potential immediate effects** : Not available. **Potential delayed effects** Not available. Long term exposure Not available. **Potential immediate effects** • Not available. **Potential delayed effects** : 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. : No known significant effects or critical hazards. Mutagenicity : Teratogenicity No known significant effects or critical hazards. : No known significant effects or critical hazards. **Developmental effects** : **Fertility effects** No known significant effects or critical hazards. : Numerical measures of toxicity

Acute toxicity estimates

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Not available.

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 water	Fish - Fish	96 h		
	Acute LC50 13 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
	Acute LC50 6.5 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
	Acute LC50 3 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
	Acute LC50 15.9 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
	Acute LC50 3.6 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
	Acute LC50 11 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
	Acute LC50 13.4 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
	Acute EC50 27.8 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
	Acute EC50 19.3 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
	Acute EC50 35.306 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
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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 polymer matrix.	y available as they are bou	nd within the		
Persistence and degradability	<u>7</u>				
Conclusion/Summary	: Chemicals are not readily available as they are bound within the				

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polymer matrix.

Conclusion/Summary

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

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Bisphenol A -	2.64 - 3.78	31.00	low
Epichlorohydrin polymer			
Titanium dioxide		-	low

Mobility in soil

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

:

Section 13. Disposal considerations

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	:	Consult mode specific transport rules

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ICAO/IATA

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): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Cobalt titanate green spinel (C.I. Pigment Green 50) Nickel titanium oxide 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

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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		
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

Name	%	Classification
Quartz	0.1 - 1	СН
Bisphenol A - Epichlorohydrin polymer	0.1 - 1	АН
Titanium dioxide	1 - 5	СН

<u>SARA 313</u>

Not applicable.

State regulations

Massachusetts New York New Jersey

Pennsylvania

- : None of the components are listed.
- : None of the components are listed.
- : The following components are listed: Quartz
 - Titanium dioxide
 - Talc
- : The following components are listed: Quartz

Titanium dioxide

Talc



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<u>California Prop. 65</u>

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

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.

International regulations

Inventory list

Australia	:	All components are listed or exempted.
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.
New Zealand	:	All components are listed or exempted.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are listed or exempted.

Section 16. Other information

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

Health	*	1
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 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.

<u>History</u>		
Date of printing	:	04/12/2018
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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) UN = United Nations
References	:	Not available.

Notice to reader

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