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SAFETY DATA SHEET

1T3A/M.LT.STONE/AP3335

Section 1. Identification	n	
GHS product identifier Chemical name CAS number Other means of identification Product type	:	1T3A/M.LT.STONE/AP3335 Mixture Mixture CC10145911 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
		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.
		Not available.

Section 3. Composition/information on ingredients

:

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10145911

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium oxide	25 - 50	13463-67-7
C.I. Pigment Yellow 53	3 - 5	8007-18-9
Decanedioic acid, 1,10-bis(2,2,6,6-tetramethyl-4-piperidinyl) ester	1 - 3	52829-07-9
Silica	1 - 3	7631-86-9
Carbon black	0.3 - 1	1333-86-4

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.

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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 for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects			
Eye contact Inhalation Skin contact Ingestion	:	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.	
Over-exposure signs/symptoms			
Eye contact	:	No specific data.	
Inhalation	:	No specific data.	
Skin contact	:	No specific data.	
Ingestion	:	No specific data.	
Indication of immediate medical attention and special treatment needed, if necessary			
Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	

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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

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO_2 . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen 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



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	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 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.	ý	

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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 oxide	OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30)



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	TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3
C.I. Pigment Yellow 53	OSHA PEL 1989 (1989-03-01) TWA 1 mg/m3 (as Ni) OSHA PEL (1993-06-30) TWA 1 mg/m3 (as Ni)
Silica	NIOSH REL (1994-06-01) TWA 6 mg/m3
Decanedioic acid, 1,10-bis(2,2,6,6- tetramethyl-4-piperidinyl) ester	None.
Carbon black	OSHA PEL 1989 (1989-03-01) TWA 3.5 mg/m3 OSHA PEL (1993-06-30) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 0.1 mgPAH/m ³ ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction

Appropriate engineering controls Environmental exposure controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures	:	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.

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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
Respiratory protection	:	product. 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	:	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.

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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	:	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	
Carbon black					
	LD50 Oral	Rat	15,400 mg/kg	-	
Remarks - Inhalation:	No applicable to	oxicity data			
Remarks - Dermal:	No applicable to	oxicity data			
Decanedioic acid, 1,10-bis(2,2,6,6-tetramethyl-4-piperidinyl) ester					
Remarks - Oral:	No applicable toxicity data				
Remarks - Inhalation:	No applicable toxicity data				
Remarks - Dermal:	No applicable toxicity data				
Silica					



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Remarks - Oral:	No applicable toxicity data						
Remarks - Inhalation:	No applicable toxic	No applicable toxicity data					
Remarks - Dermal:	No applicable toxic	city data					
C.I. Pigment Yellow 53							
Remarks - Oral:	No applicable toxic	city data					
Remarks - Inhalation:	No applicable toxic	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data						
Titanium oxide							
Remarks - Oral:	No applicable toxicity data						
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h			
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-			
C L : (C Mintere Net fulle to tel							

Conclusion/Summary

: Mixture.Not fully tested.

Irritation/Corrosion

Silica Eyes - Mild irritant Rabbit 24 hrs - Titanium oxide Skin - Mild irritant Human 72 hrs - Conclusion/Summary Skin : Mixture.Not fully tested. - Eyes : Mixture.Not fully tested. - - Eyes : Mixture.Not fully tested. - - Sensitization : Mixture.Not fully tested. - - Conclusion/Summary : Mixture.Not fully tested. - - Sensitization : Mixture.Not fully tested. - - Conclusion/Summary : Mixture.Not fully tested. - - Mutagenicity : Mixture.Not fully tested. - - Conclusion/Summary : Mixture.Not fully tested. - - Conclusion/Summary <td< th=""><th>Product/ingredient name</th><th>Result</th><th>Species</th><th>Score</th><th>Exposure</th><th>Observation</th></td<>	Product/ingredient name	Result	Species	Score	Exposure	Observation
irritantConclusion/Summary Skin:Mixture.Not fully tested.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.	Silica	•	Rabbit		24 hrs	-
Skin:Mixture.Not fully tested.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.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Carcinogenicity:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.	Titanium oxide		Human		72 hrs	-
Eyes Respiratory:Mixture.Not fully tested.Sensitization:Mixture.Not fully tested.Sensitization:Mixture.Not fully tested.Conclusion/Summary Skin Respiratory:Mixture.Not fully tested.Mutagenicity:Mixture.Not fully tested.Conclusion/Summary 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		•			•
Respiratory:Mixture.Not fully tested.Sensitization	Skin	: M	lixture.Not ful	lly tested.		
Sensitization Conclusion/Summary Skin Respiratory i Mutagenicity Conclusion/Summary i Mixture.Not fully tested. Conclusion/Summary i Mixture.Not fully tested. Conclusion/Summary i Mixture.Not fully tested.	Eyes					
Conclusion/Summary Skin: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.	Respiratory	: M	lixture.Not ful	lly tested.		
Skin Respiratory:Mixture.Not fully tested.Mutagenicity.Conclusion/Summary:Mixture.Not fully tested.Carcinogenicity.Conclusion/Summary:Mixture.Not fully tested.	<u>Sensitization</u>					
Respiratory : Mixture.Not fully tested. Mutagenicity	-		linture Not ful	lly tooted		
Mutagenicity Conclusion/Summary : Mixture.Not fully tested. Carcinogenicity Conclusion/Summary : Mixture.Not fully tested.	10					
Conclusion/Summary : Mixture.Not fully tested. Carcinogenicity : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested.	Respiratory	• 101		ily lested.		
Carcinogenicity Mixture.Not fully tested.	Mutagenicity					
Conclusion/Summary : Mixture.Not fully tested.	Conclusion/Summary	: M	lixture.Not ful	lly tested.		
	Carcinogenicity					
	Conclusion/Summary	: M	lixture.Not ful	lly tested.		
<u>Classification</u>	<u>Classification</u>					

Product/ingredient name	OSHA	IARC	NTP
Carbon black	-	2B	-
Silica	-	3	-



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C.I. Pigment Yellow 53	-	1	-	
Titanium oxide	-	2B	-	
<u>Reproductive toxicity</u>				
Conclusion/Summary	:	Mixture.Not	ully tested.	
Teratogenicity				
Conclusion/Summary	:	Mixture.Not	fully tested.	
Specific target organ toxicity (Not available.	single exp	osure)		
Specific target organ toxicity (Not available.	repeated (exposure)		
Aspiration hazard Not available.				
Information on likely routes o exposure	f :	Not available		
Potential acute health effects				
Eye contact	:	No known si	gnificant effects or critical hazard	s.
Inhalation			nificant effects or critical hazard	
Skin contact	:		nificant effects or critical hazard	
Ingestion	:	No known sig	gnificant effects or critical hazard	s.
Symptoms related to the physi	ical, chem	ical and toxicol	ogical characteristics	
Eye contact	:	No specific d	ata.	
Inhalation	:	No specific d		
Skin contact		No specific d		
Ingestion	:	No specific d		
Delayed and immediate effects	s as well a	<u>s chron</u> ic effect	s from short and long-term exp	osure
Short term exposure				
i				
Potential immediate effects	:	Not available		
Notontial delayed offests				

Potential delayed effectsImage: Not available.Not available.

Long term exposure

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Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Exposure					
Carbon black							
Remarks - Acute - Fish:	No applicable toxicity data						
	Acute EC50 37.563 Mg/l Fresh	Acute EC50 37.563 Mg/l Fresh Aquatic invertebrates. 48 h					
	water	Daphnia					
Remarks - Acute - Aquatic	Acute						
invertebrates.:							
Remarks - Acute - Aquatic	No applicable toxicity data						
plants:							
Remarks - Chronic - Fish:	No applicable toxicity data						
Remarks - Chronic -	No applicable toxicity data						
Aquatic invertebrates.:							
Decanedioic acid, 1,10-bis(2,2	,6,6-tetramethyl-4-piperidinyl) ester						
Remarks - Acute - Fish:	No applicable toxicity data						
	Acute EC50 8.6 Mg/l Fresh water	Aquatic invertebrates.	48 h				
	Daphnia						
Remarks - Acute - Aquatic	Acute						



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invertebrates.:						
Remarks - Acute - Aquatic	No applicable toxicity data					
plants:	No applicable toxicity data					
Remarks - Chronic - Fish:	No applicable toxicity data					
Remarks - Chronic -	No applicable toxicity data					
Aquatic invertebrates.:	i to upplicable toxicity autu					
Silica						
Remarks - Acute - Fish:	No applicable toxicity data					
Remarks - Acute - Aquatic	No applicable toxicity data					
invertebrates.:						
Remarks - Acute - Aquatic	No applicable toxicity data					
plants:						
Remarks - Chronic - Fish:	No applicable toxicity data					
Remarks - Chronic -	No applicable toxicity data					
Aquatic invertebrates.:						
C.I. Pigment Yellow 53						
Remarks - Acute - Fish:	No applicable toxicity data					
Remarks - Acute - Aquatic	No applicable toxicity data					
invertebrates.:						
Remarks - Acute - Aquatic	No applicable toxicity data					
plants:						
Remarks - Chronic - Fish:		No applicable toxicity data				
Remarks - Chronic -	No applicable toxicity data					
Aquatic invertebrates.: Titanium oxide						
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h			
	water		50 II			
Remarks - Acute - Fish:	Acute					
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates.	48 h			
	<i>e</i>	Crustaceans				
Remarks - Acute - Aquatic	Acute					
invertebrates.:						
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.	48 h			
		Daphnia				
Remarks - Acute - Aquatic	Acute					
invertebrates.:						
Remarks - Acute - Aquatic	No applicable toxicity data					
plants:	No applicable toricity data					
Remarks - Chronic - Fish:	No applicable toxicity data No applicable toxicity data					
Remarks - Chronic - Aquatic invertebrates.:	ino applicable toxicity data					
1T3A/M.LT.STONE/AP3335	1					
Remarks - Acute - Aquatic	Chemicals are not readily available	as they are bound within the	e nolymer matrix			
invertebrates.:	Chemicals are not readily available as they are bound within the polymer matrix.					
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Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.
Persistence and degradability		
Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Decanedioic acid, 1,10-bis(2,2,6,6-	0.35	-	low
tetramethyl-4-piperidinyl) ester			

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
		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

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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(a) - Priority risk review: Not listed United States - TSCA 4(a) - Proposed test rules: 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) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(c) - Significant adverse: Not listed United States - TSCA 8(d) - Health and safety studies: 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 Arsenic Chromium Nickel C.I. Pigment Yellow 53 C.I. Pigment Yellow 53
	United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not listed

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United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed

Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I		Not listed
Substances		
Clean Air Act Section 602 Class II Substances	:	Not listed
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

No products were found.

Name	%	Classification
Titanium oxide	>= 25 - <= 50	CARCINOGENICITY - Category 2
C.I. Pigment Yellow 53	>= 3 - <= 5	CARCINOGENICITY - Category 1A
Silica	>= 1 - <= 3	EYE IRRITATION - Category 2B
Decanedioic acid, 1,10- bis(2,2,6,6-tetramethyl-4- piperidinyl) ester	>= 1 - <= 3	SERIOUS EYE DAMAGE - Category 1
Carbon black	>= 0.3 - <= 1	CARCINOGENICITY - Category 2

<u>SARA 313</u>

Form R - Reporting requirements



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Product name	CAS number	%
C.I. Pigment Yellow 53	8007-18-9	>= 3 - <= 5
C.I. Pigment Yellow 119	68187-51-9	>= 5 - <= 10

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.

<u>State regulations</u> Massachusetts New York New Jersey Pennsylvania	:::::::::::::::::::::::::::::::::::::::	None of the components are listed. None of the components are listed. The following components are listed: Titanium oxide Limestone C.I. Pigment Yellow 119 C.I. Pigment Yellow 53 Carbon black The following components are listed: Carbon black Silica C.I. Pigment Yellow 53		
		C.I. Pigment Yellow 119		
		Limestone		
		Titanium oxide		
<u>California Prop. 65</u>				
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.		
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Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.
China	:	Not determined.
Europe inventory	:	All components are listed or exempted.
Japan	:	All components are listed or exempted.
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	:	09/04/2019
Date of issue/Date of revision	:	09/03/2019
Date of previous issue	:	11/27/2018
Version	:	1.5
Key to abbreviations	:	ATE = Acute Toxicity Estimate
		BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of
		Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
		pollution)

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References

UN = United Nations Not available.

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Notice to reader

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