### BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 1 of 17 Print Date 04/22/2018

# SAFETY DATA SHEET

#### **BLUE 22MM SYMPHONY OVAL ST**

Section 1. Identification			
GHS product identifier Chemical name CAS number Other means of identification Product type	:	BLUE 22MM SYMPHONY OVAL ST Mixture Mixture CC10276460 liquid	
Relevant identified uses of the substance or mixture and uses advised againstProduct use:Industrial applications. Plastics.			
Supplier's details	:	<b>POLYONE CORPORATION</b> ColorMatrix Group Inc. 680 North Rocky River Drive, Berea, Ohio, 44017-1628, USA	
		+1 216 622 0100	
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 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	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	SKIN IRRITATION - Category 2

#### GHS label elements



## BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 2 of 17 Print Date 04/22/2018

Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	Causes skin irritation.
Precautionary statements		
General	:	Not applicable.
Prevention	:	Wear protective gloves. Wash hands thoroughly after handling.
Response	:	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.

None known.

# Section 3. Composition/information on ingredients

:

Substance/mixture:MixtureChemical name:MixtureOther means of identification:CC10276460

CAS number/other identifiers

Hazards not otherwise classified

Ingredient name	%	CAS number
Titanium dioxide	25 - 50	13463-67-7
Miscellaneous Compounds Distillates, petroleum, hydrotreated middle	10 - 25	Not available.
Quartz	0 - 0.3	14808-60-7

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.

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# BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 3 of 17 Print Date 04/22/2018

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. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	Causes skin irritation.
Ingestion	:	No known significant effects or critical hazards.

**Over-exposure signs/symptoms** 



# BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0	Page 4 of 17
Revision Date 01/25/2018	Print Date 04/22/2018

Eye contact Inhalation	:	Adverse symptoms may include the following: pain or irritation watering redness No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Indication of immediate medical at	tentio	on 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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



# **BLUE 22MM SYMPHONY OVAL ST**

Version Number 1.0 Revision Date 01/25/2018

### Page 5 of 17 Print Date 04/22/2018

#### 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containment	nt a	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. Approach release from upwind. 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. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
		5/17

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# BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0		Page 6 of 17
Revision Date 01/25/2018		Print Date 04/22/2018
Advice on general occupational	:	Eating, drinking and smoking should be prohibited in areas where this

hygiene		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**

Miscellaneous Compounds Distillates, petroleum, hydrotreated middle       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         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) 10 mg/m3 Form: Respirable Time Weighted Average (TWA) 30 mg/m3 Form: Total dust NIOSH REL (1994-06-01)	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       OSHA PEL 1989 (1989-03-01) Calculated as Quartz         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: Total dust         NIOSH REL (1994-06-01)       OSHA PEL 294-06-01)	· · ·	
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/m3QuartzOSHA 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: Total dust NIOSH REL (1994-06-01)	petroleum, hydrotreated middle	
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/m3QuartzOSHA 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: Total dust NIOSH REL (1994-06-01)		
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/m3QuartzOSHA 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: Total dust NIOSH REL (1994-06-01)	Titanium dioxide	OSHA PEL 1989 (1989-03-01)
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         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: Total dust         NIOSH REL (1994-06-01)		
NIOSH REL (1994-06-01)ACGIH TLV (1996-05-18)TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 10 mg/m3QuartzOSHA 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)		
ACGIH TLV (1996-05-18) TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 10 mg/m3QuartzOSHA 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)		PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust
TLV-TWA: Threshold Limit Value - Time weighted average PEL:         Permissible Exposure Level 10 mg/m3         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)		NIOSH REL (1994-06-01)
TLV-TWA: Threshold Limit Value - Time weighted average PEL:         Permissible Exposure Level 10 mg/m3         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)		
Permissible Exposure Level 10 mg/m3         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)		
QuartzOSHA 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)		e e
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)		Permissible Exposure Level 10 mg/m3
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)	Quartz	OSHA PEL 1989 (1989-03-01) Calculated as Quartz
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)		
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<b>Time Weighted Average (TWA)</b> 10 mg/m3 Form: Respirable <b>Time Weighted Average (TWA)</b> 30 mg/m3 Form: Total dust <b>NIOSH REL (1994-06-01)</b>		
Time Weighted Average (TWA) 30 mg/m3 Form: Total dust NIOSH REL (1994-06-01)		
, , ,		
		NIOSH REL (1994-06-01)
Time Weighted Average (TWA) 0.05 mg/m3 Form: Respirable dust		Time Weighted Average (TWA) 0.05 mg/m3 Form: Respirable dust
ACGIH TLV (2005-12-09)		ACGIH TLV (2005-12-09)



# BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 7 of 17 Print Date 04/22/2018

		TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 0.025 mg/m3 Form: Respirable fraction <b>OSHA PEL (2016-06-23)</b> PEL: Permissible Exposure Level 0.05 mg/m3 Form: Respirable dust
Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
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.

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### **BLUE 22MM SYMPHONY OVAL ST**

Version Number 1.0 Revision Date 01/25/2018 Page 8 of 17 Print Date 04/22/2018

**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	:	liquid [liquid]
Color	:	BLUE
Odor	:	Faint odor.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	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		
2//7				

8/17



## **BLUE 22MM SYMPHONY OVAL ST**

Version Number 1.0 Revision Date 01/25/2018

Page 9 of 17 Print Date 04/22/2018

Conditions to avoid Incompatible materials	:	not occur. Keep away from extreme heat and oxidizing agents. 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				
Remarks - Oral:	No applicable toxic	No applicable toxicity data						
<b>Remarks - Inhalation:</b>	No applicable toxic	city data						
<b>Remarks - Dermal:</b>	No applicable toxic	city data						
Remarks - Oral:	No applicable toxic	city data						
<b>Remarks - Inhalation:</b>	No applicable toxic	No applicable toxicity data						
<b>Remarks - Dermal:</b>	No applicable toxic	No applicable toxicity data						
Titanium dioxide								
Remarks - Oral:	No applicable toxic	No applicable toxicity data						
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h				
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-				
Conclusion/Summary : Mixture.Not fully tested.								

Conclusion/Summary

Mixture.Not fully tested.

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Conclusion/Summary					
Skin	: M	lixture.Not ful	ly tested.		
Eyes	: M	lixture.Not ful	ly tested.		
Respiratory	: M	lixture.Not ful	ly tested.		
<u>Sensitization</u>					
Conclusion/Summary					
Skin	: M	lixture.Not ful	ly tested.		
Respiratory	: M	lixture.Not ful	ly tested.		
		9/17	,		

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# BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 10 of 17 Print Date 04/22/2018

<b>Mutagenicity</b>				
Conclusion/Summary	: M	ixture.Not fu	ally tested.	
<b>Carcinogenicity</b>				
Conclusion/Summary Classification	: M	ixture.Not fu	ally tested.	
Product/ingredient	OSHA	IARC	NTP	
name	OSHA	IAKC		
Quartz		1	Known to be a l	numan carcinogen.
Titanium dioxide		2B		
<u>Reproductive toxicity</u> Conclusion/Summary	: M	ixture.Not fi	ally tested.	
<u>Teratogenicity</u>				
relatogementy				
Conclusion/Summary	: M	ixture.Not fi	ally tested.	
Specific target organ toxicity	y (single exposu	re)		
Not available.	(single exposu	<u>(c)</u>		
	<b>.</b>	,		
Specific target organ toxicity Product/ingredient name			Route of exposure	Torget organs
Quartz	Category Category 1		Koute of exposure	Target organs
Qualtz	Category I			
				<u> </u>
Aspiration hazard				
Product/ingredient name			Result	
Miscellaneous Compounds Dis hydrotreated middle	stillates, petroleu	m,	ASPIRATION HAZA	ARD - Category I
Information on likely routes exposure		ot available.		
Potential acute health effects				
Eye contact				
	: No	o known sigi	nificant effects or criti	cal hazards.
Inhalation			nificant effects or criti nificant effects or criti	
	: No		nificant effects or criti	

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## BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018

### Page 11 of 17 Print Date 04/22/2018

#### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Delayed and immediate effects as v	vell as	chronic effects from short and long-term exposure
<u>Short term exposure</u>		
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	:	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	:	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.

#### Numerical measures of toxicity

Acute toxicity estimates

**Developmental effects** 

Teratogenicity

**Fertility effects** 

Route	ATE value
Inhalation (dusts and mists)	11 mg/l

# Section 12. Ecological information



# BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 12 of 17 Print Date 04/22/2018

**Toxicity** 

Product/ingredient name	Result	Species	Exposure
Quartz			
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic	No applicable toxicity data		
invertebrates.:			
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:			
<b>Remarks - Chronic - Fish:</b>	No applicable toxicity data		
<b>Remarks - Chronic -</b>	No applicable toxicity data		
Aquatic invertebrates.:			
	stillates, petroleum, hydrotreated midd	lle	
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 dioxide			0.61
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h
	water		
Remarks - Acute - Fish:	Acute	A anatia incontalmataa	48 h
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	40 11
Domantia Agustia	Acute	Clustacealis	
Remarks - Acute - Aquatic invertebrates.:	Αιμε		
niver tebrates	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.	48 h
	Theate Leso 0.5 Might Tesh water	Daphnia	
Remarks - Acute - Aquatic	Acute		
invertebrates.:			
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:	FF		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
	11 2		
Aquatic invertebrates.:			

**Conclusion/Summary** 

Not available.

:

## BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 13 of 17 Print Date 04/22/2018

#### **Bioaccumulative potential**

Not available.

<u>Mobility in soil</u>

Soil/water partition coefficient (KOC) Other adverse effects Not available.

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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

### Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Not classified as dangerous goods under transport regulations.

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## BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 14 of 17 Print Date 04/22/2018

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

# Section 15. Regulatory information

U.S. Federal regulations	:	<ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 5(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 5(a) - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined</li> <li>United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed</li> <li>United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - SCA 8(d) - Health and safety studies: Not listed</li> <li>United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - Department of commerce - Precursor chemical: Not listed</li> </ul>
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II	:	Not listed



### BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 15 of 17 Print Date 04/22/2018

Substances:Not listedDEA List I Chemicals (Precursor:Not listedDEA List II Chemicals (Essential:Not listedChemicals):Not listed

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

:

not applicable

#### SARA 311/312

Classification

Immediate (acute) health hazard

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

Name	%	Classification
Quartz	0 - 0.3	СН
Miscellaneous Compounds Distillates, petroleum, hydrotreated middle	10 - 25	АН
Titanium dioxide	25 - 50	СН

#### SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Aluminum oxide	1344-28-1	1 - 3
Supplier notification	Aluminum oxide	1344-28-1	1 - 3

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations	
Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: The following components are listed: Quartz Aluminum oxide Titanium dioxide
Pennsylvania	: The following components are listed: Titanium dioxide

## **BLUE 22MM SYMPHONY OVAL ST**

Version Number 1.0 Revision Date 01/25/2018 <u>PolyOne</u>

Page 16 of 17 Print Date 04/22/2018

Quartz

Aluminum oxide

#### California Prop. 65

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

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	All components are listed or exempted.
International regulations		
Inventory list		
Australia	:	All components are listed or exempted.
Canada	:	All components are listed or exempted.
China	:	All components are listed or exempted.
Europe inventory	:	All components are listed or exempted.
Japan	:	All components are listed or exempted.
New Zealand	:	All components are listed or exempted.
Philippines	:	All components are listed or exempted.
Republic of Korea	:	All components are listed or exempted.
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	/	2
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. <u>History</u>



## BLUE 22MM SYMPHONY OVAL ST

Version Number 1.0 Revision Date 01/25/2018 Page 17 of 17 Print Date 04/22/2018

Date of printing	:	04/22/2018
Date of issue/Date of revision	:	01/25/2018
Date of previous issue	:	00/00/0000
Version	:	1.0
Key to abbreviations	:	ATE = Acute Toxicity Estimate
		BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of
		Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
		pollution)
		UN = United Nations
References	:	Not available.

#### Notice to reader

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