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### **BLUE TINT TRITON FROST**

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# SAFETY DATA SHEET

#### **BLUE TINT TRITON FROST**

Section 1. Identification	n	
GHS product identifier Chemical name CAS number Other means of identification	:	BLUE TINT TRITON FROST Mixture Mixture CC10277112
Product type	:	liquid
<u>Relevant identified uses of the subs</u> Product use	tance :	e or mixture and uses advised against 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	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.

#### GHS label elements

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Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.
Precautionary statements		
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.

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# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10277112

CAS number/other identifiers

Ingredient name	%	CAS number
Quartz	0.3 - 1	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.

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.

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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	::	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.		
<b>Over-exposure signs/symptoms</b>				
Eye contact	:	No specific data.		
Inhalation	:	No specific data.		
Skin contact	:	No specific data.		
Ingestion	:	No specific data.		
Indication of immediate medical attention and special treatment needed, if necessary				

Notes to physician Specific treatments	<ul> <li>Treat symptomatically. Contact poison treatment speciali immediately if large quantities have been ingested or inh</li> <li>No specific treatment.</li> </ul>	
Protection of first-aiders	: No action shall be taken involving any personal risk or w suitable training.	rithout

See toxicological information (Section 11)

# **Section 5. Firefighting measures**

#### **Extinguishing media**

Suitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $CO_2$ .
Unsuitable extinguishing media	:	None known.

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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: 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	:	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	
For emergency responders	:	spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	
Methods and materials for containment and cleaning up			
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	
Large spill	:	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section	
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1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

Precautions for safe handling

Protective measures Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
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



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Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.		
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbe filters or engineering modifications to the process equipment will necessary to reduce emissions to acceptable levels.		
Individual protection measures				
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.		
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.		
Skin protection				
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.		
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.		
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.		
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.		

# Section 9. Physical and chemical properties

#### Appearance

**Physical state** 

: liquid [liquid]

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	BLUE
	Faint odor.
	Not available.
	Not available.
	Not available.
:	Lower: Not available.
	Upper: Not available.
:	Not available.
:	Not available.
:	Not available.
:	Not available.
:	insoluble in water.
:	Not available.
:	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

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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

Remarks - Oral:	No applicab	le toxic	ity data	
Remarks - Inhalation:	No applicab			
Remarks - Dermal:	No applicable			
Conclusion/Summary			e.Not fully	tested.
			J	
Irritation/Corrosion				
<b>Conclusion/Summary</b>				
Skin	:	Mixtur	e.Not fully	tested.
Eyes			e.Not fully	
Respiratory	:	Mixtur	e.Not fully	tested.
Sensitization				
Conclusion/Summary				
Skin	:	Mixtur	e.Not fully	tested.
Respiratory			e.Not fully	
<u>Mutagenicity</u>				
<b>Conclusion/Summary</b>	:	Mixtur	e.Not fully	tested.
<b>Carcinogenicity</b>				
Conclusion/Summary <u>Classification</u>	:	Mixtur	e.Not fully	tested.
Product/ingredient name	OSHA	IA	RC	NTP
Quartz		1		Known to be a human carcinogen.
<b><u>Reproductive toxicity</u></b> Conclusion/Summary	:	Mixtur	e.Not fully	tested.
Teratogenicity				
Conclusion/Summary	:	Mixtur	e.Not fully	tested.



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### Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicit	<u>y (repeated exposure)</u>				
Product/ingredient name	Category	Route of exposure	Target organs		
Quartz	Category 1				
Aspiration hazard					
Not available.					
Information on likely routes exposure	of : Not availab	le.			
Potential acute health effects	<u>1</u>				
Eye contact	: No known s	significant effects or crit	cal hazards.		
Inhalation		significant effects or crit			
Skin contact		No known significant effects or critical hazards.			
Ingestion	: No known s	significant effects or crit	cal hazards.		
Symptoms related to the phy	vsical, chemical and toxic	ological characteristics			
Eye contact	: No specific	data.			
Inhalation	: No specific	data.			
Skin contact	: No specific				
Ingestion	: No specific	data.			
Delayed and immediate effect	cts as well as chronic effe	cts from short and long	-term exposure		
Short term exposure					
Potential immediate effects	: Not availab	le			
Potential delayed effects	Not availab				
	• Ttot uvunuo				
Long term exposure					
Potential immediate effects	: Not availab	le			
Potential delayed effects	Not availab				
- stentin usujeu eneets	• Trot u valiab				
Potential chronic health effe	ects				

Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.

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Carcinogenicity Mutagenicity Teratogenicity **Developmental effects Fertility effects** 

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. :

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	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: Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
Aquatic invertebrates.:	•••••••••••••••••••••••••••••••••••••••		
Conclusion/Summary	: Not available.		
<u>Persistence and degradability</u> Conclusion/Summary	: Not available.		
<u><b>Bioaccumulative potential</b></u> Not available.			
<u>Mobility in soil</u>			
Soil/water partition coefficient	nt : Not available.		

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

# Section 15. Regulatory information

U.S. Federal regulations	:	United States - TSCA 12(b) - Chemical export notification: None
		of the components are listed.
		United States - TSCA 4(a) - Final Test Rules: Not listed
		United States - TSCA 4(a) - ITC Priority list: Not listed
		United States - TSCA 4(a) - Proposed test rules: Not listed
		United States - TSCA 4(f) - Priority risk review: Not listed
		United States - TSCA 5(a)2 - Final significant new use rules: Not
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		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: Not listed
		United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not listed
		United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed
		United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed
		United States - Department of commerce - Precursor chemical: Not listed
Clean Air Act Section 112(b)	:	Not listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I	:	Not listed
Substances Clean Air Act Section 602 Class II		Not listed

Hazardous Air Pollutants (HAPs)		
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		
DEA List I Chemicals (Precursor	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

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

not applicable

#### SARA 311/312

Classification

: Not applicable.

**Composition/information on ingredients** 



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Name	%	Classification
Quartz	0.3 - 1	СН
SARA 313		
Not applicable.		
rot approable.		
State regulations		
Massachusetts	: None of the components are listed	
New York	: None of the components are listed	
New Jersey	: The following components are list	ted:
	Calcium carbonate	
	Quartz	. 1.
Pennsylvania	: The following components are list Calcium carbonate	ted:
	Calcium carbonate	
	Quartz	
	Quartz	
<u>California Prop. 65</u>		
WARNING: This product contains a c	chemical known to the State of California	a to cause cancer.
United States inventory (TSCA 8b)	: All components are listed or exem	npted.
Canada inventory	: At least one component is not list	ed in DSL but all such components
Canada mventory	are listed in NDSL.	ed in DSE out an such components
International regulations		
Inventory list		
Australia	: All components are listed or exer	npted.
Canada		ted in DSL but all such components
	are listed in NDSL.	-
China	: All components are listed or exer	
Europe inventory	: At least one component is not list	
	components are listed in ELINCS	
		nformation on the inventory status of
Ionon	this material.	
Japan New Zealand	<ul><li>Not determined.</li><li>Not determined.</li></ul>	
Philippines	Not determined.	
Republic of Korea	: All components are listed or exer	npted
Taiwan	: All components are listed or exer	
Turkey	Not determined.	<b>r</b>
United States	All components are listed or exer	npted.
	*	-

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## 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

Date of printing	:	02/10/2018
Date of issue/Date of revision	:	02/07/2018
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

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.

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