BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019

Page 1 of 17 Print Date 04/26/2019

SAFETY DATA SHEET

BURGUNDY-PVC

Section 1. Identificatio	n	
GHS product identifier	:	BURGUNDY-PVC
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	CC10172247
Product type	:	solid
<u>Relevant identified uses of the subst</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 for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. 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

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 PolyOne

Page 2 of 17 Print Date 04/26/2019

Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.
Precautionary statements		
General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10172247

CAS number/other identifiers

Ingredient name	%	CAS number
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters,	10 - 25	68515-48-0
C9-rich		
Titopium disside	5 10	12462 67 7
Titanium dioxide	5 - 10	13463-67-7
Diundecyl phthalate	5 - 10	3648-20-2
Quartz	0 - 0.3	14808-60-7
Quartz	0 - 0.5	14808-00-7

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.

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019



Page 3 of 17 Print Date 04/26/2019

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 a	ttentio	n 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.
Specific treatments	:	No specific treatment.

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 PolyOne

Page 4 of 17 Print Date 04/26/2019

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 $\rm CO_2$. None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal	:	May emit Hydrogen Chloride (HCl).
decomposition products		Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds 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

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019



Page 5 of 17 Print Date 04/26/2019

	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.

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
1,2-Benzenedicarboxylic acid, di-C8-10- branched alkyl esters, C9-rich	None.

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 Page 6 of 17

Print Date 04/26/2019

Diundecyl phthalate		None.
Quartz		OSHA PEL 1989 (1989-03-01) TWA 0.1 mg/m3 (Calculated as Quartz) Form: Respirable dust OSHA PEL Z3 (1997-09-03) TWA 250 MPPCF / (%SiO2+5) Form: Respirable TWA 10 MG /M3 / (%SiO2+2) Form: Respirable TWA 30 MG /M3 / (%SiO2+2) Form: Total dust NIOSH REL (1994-06-01) TWA 0.05 mg/m3 Form: Respirable dust ACGIH TLV (2005-12-09) TWA 0.025 mg/m3 Form: Respirable fraction OSHA PEL (2016-06-23) TWA 0.05 mg/m3 Form: Respirable dust
Titanium dioxide		OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3
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 Eye/face protection	:	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. 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		



BURGUNDY-PVC



Version Number 1.4	Page 7 of 17
Revision Date 04/25/2019	Print Date 04/26/2019
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

Respiratory protection

should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this 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 [Granular solid.]
Color		RED
Odor		Not available.
Odor threshold	-	Not available.
pH		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.
		Upper: Not available.
(flammable) limits		Upper: Not available. Not available.
(flammable) limits Vapor pressure	:	
(flammable) limits Vapor pressure Vapor density	:	Not available.
(flammable) limits Vapor pressure Vapor density Relative density	:	Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility	:	Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water	:	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature		Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water		Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature SADT		Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature		Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019



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	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
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 toxicity data					
Remarks - Inhalation:	No applicable toxi	No applicable toxicity data				
Remarks - Dermal:	No applicable toxi	No applicable toxicity data				
Titanium dioxide						
Remarks - Oral:	No applicable toxi	city data				
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h		
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-		
1,2-Benzenedicarboxylic acid,	acid, di-C8-10-branched alkyl esters, C9-rich					
	LD50 Oral	Rat	10,000 mg/kg	-		
Remarks - Inhalation:	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data					
Diundecyl phthalate						
Remarks - Oral:	No applicable toxicity data					
Remarks - Inhalation:	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data					
Conclusion/Summary	: Mixtu	re.Not fully tested	l.			

Conclusion/Summary

Mixture.Not fully tested.

Irritation/Corrosion



BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 Page 9 of 17 Print Date 04/26/2019

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
1,2-Benzenedicarboxylic	Eyes - Mild	Rabbit			-
acid, di-C8-10-branched	irritant				
alkyl esters, C9-rich					
Diundecyl phthalate	Eyes - Mild	Rabbit			-
	irritant				
Conclusion/Summary					
Skin		lixture.Not fu			
Eyes		lixture.Not fu			
Respiratory	: M	lixture.Not fu	lly tested.		
<u>Sensitization</u>					
Conclusion/Summary					
Skin	: M	lixture.Not fu	lly tested.		
Respiratory		lixture.Not fu			
Mutagenicity					
Conclusion/Summary	: M	lixture.Not fu	lly tested.		
<u>Carcinogenicity</u>					
Conclusion/Summary	: M	lixture.Not fu	lly tested.		
Classification	OCHA	LADO	NUDD		
Product/ingredient	OSHA	IARC	NTP		
name					
Quartz		1	Known	to be a human card	cinogen.
Titanium dioxide		2B			
Reproductive toxicity					
Conclusion/Summary	: M	lixture.Not fu	lly tested.		
Teratogenicity					
Conclusion/Summary	: M	lixture.Not fu	lly tested.		
Specific target organ toxici	tv (single exnosu	re)			
Not available.		<u> </u>			
Specific target organ toxici	ty (repeated exp	osure)			



BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 Page 10 of 17 Print Date 04/26/2019

Quartz Category 1 Aspiration hazard Not available. Information on likely routes of exposure in Not available. Potential acute health effects Eye contact in No known significant effects or critical hazards. Inhalation in No known significant effects or critical hazards. Skin contact in No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact in No specific data. Inhalation in No specific data. Skin contact in No specific data. Inhalation in No specific data. Skin contact in No specific data. Ingestion in No specific data. Delayed and immediate effects in Not available. Potential immediate effects in Not available.	Product/ingredient name	Category		Route of exposure	Target organs	
Not available. Information on likely routes of exposure : Not available. Potential acute health effects Eye contact : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Swin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Ingestion : No specific data. Ingestion : No specific data. Ingestion : No specific data. Delaved and immediate effects : Not available. Potential immediate effects : Not available. Potential delayed effects : Not available. Potential delayeed effects : Not availab	Quartz	Category 1				
Not available. Information on likely routes of exposure : Not available. Potential acute health effects Eye contact : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Swint contact : No specific data. Inhalation : No specific data. Ingestion : No specific data. Delaved and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential de						
Not available. Information on likely routes of exposure : Not available. Potential acute health effects Eye contact : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Swint contact : No specific data. Inhalation : No specific data. Ingestion : No specific data. Delaved and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential de	Aspiration hazard					
exposure Potential acute health effects Eye contact Sine						
exposure Potential acute health effects Eye contact Sine		0				
Potential acute health effects Eye contact : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Swin contact : No known significant effects or critical hazards. Swintoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Ingestion : No specific data. Potential immediate effects : No specific data. Potential immediate effects : No available. Potential delayed effects : Not available. Potential delayed effects : Not available. Potential delayed effects : Not available. Potential delayed effects : No tavailable.		of :	Not available	2.		
Eye contact:No known significant effects or critical hazards.Inhalation:No known significant effects or critical hazards.Skin contact:No known significant effects or critical hazards.Ingestion:No known significant effects or critical hazards.Symptoms related to the physical, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Ingestion:No specific data.Ingestion:No specific data.Ingestion:No specific data.Delayed and immediate effects as well as chronic effects from short and long-term exposureShort term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.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.	exposure					
Inhalation:No known significant effects or critical hazards.Skin contact:No known significant effects or critical hazards.Ingestion:No known significant effects or critical hazards.Symptoms related to the physical, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Skin contact:No specific data.Ingestion:No specific data.Delayed and immediate effects as well as chronic effects from short and long-term exposureShort term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:No known significant effects or critical hazards.Conclusion/Summary:No known significant effects or critical hazards.Carcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.	Potential acute health effects					
Inhalation:No known significant effects or critical hazards.Skin contact:No known significant effects or critical hazards.Ingestion:No known significant effects or critical hazards.Symptoms related to the physical, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Skin contact:No specific data.Ingestion:No specific data.Delayed and immediate effects as well as chronic effects from short and long-term exposureShort term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:No known significant effects or critical hazards.Conclusion/Summary:No known significant effects or critical hazards.Carcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.	Evo contact		No known si	mificant affacts or criti	cal hazarda	
Skin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Ingestion : No specific data. Ingestion : No specific data. Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential delayed effects : Not available. Potential delayed effects : Not available. Potential chronic health effects : Not available. Conclusion/Sum						
Ingestion : No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Ingestion : No specific data. Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : No known significant effects or critical hazards. Carcinogenicity : No known significant effects or critical hazards. </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential delayed effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : Not available. General : No known significant effects or critical hazards. Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards.						
Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Delaved and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : Not available. Conclusion/Summary : Mixture.Not fully tested. General : No known significant effects or critical hazards. Carcinogenicity : No known significant effects or critical hazards. Teratogenicity : No known significant effects or critical hazards						
Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Delaved and immediate effects as well as chronic effects from short and long-term exposureShort term exposureShort term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.Conclusion/Summary:Mixture.Not fully tested.General:No known significant effects or critical hazards.Garcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Teratogenicity:No known significant effects or critical hazards.	Symptoms related to the phy	sical, chemic	al and toxico	logical characteristics		
Skin contact:No specific data.Ingestion:No specific data.Delaved and immediate effects as well as chronic effects from short and long-term exposureShort term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.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.	Eye contact	:	No specific d	lata.		
Ingestion:No specific data.Delayed and immediate effects as well as chronic effects from short and long-term exposureShort term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Long term exposurePotential immediate effects:Not available.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.General:No known significant effects or critical hazards.General:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.	Inhalation	:	No specific d	lata.		
Delaved and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Long term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential delayed effects : Not available. Potential delayed effects : Not available. Potential chronic health effects : Conclusion/Summary : Mixture.Not fully tested. General : Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards. Teratogenicity : No known significant effects or critical hazards.	Skin contact	:	No specific d	lata.		
Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Long term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : Not available. 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.	Ingestion	:	No specific d	lata.		
Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Long term exposure Potential immediate effects : Not available. Potential delayed effects : Not available. Potential chronic health effects : Not available. Potential chronic health effects : Not available. 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.		4	-1	4 - C	4	
Potential immediate effects Potential delayed effects:Not available.Long term exposure:Not available.Potential immediate effects Potential delayed effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Not available.Conclusion/Summary:Mixture.Not fully tested.General Carcinogenicity Mutagenicity:No known significant effects or critical hazards.Mutagenicity Teratogenicity:No known significant effects or critical hazards.	Delayed and immediate effect	ts as well as	chronic effec	ts from short and long	-term exposure	
Potential delayed effects:Not available.Long term exposure.Potential immediate effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.General:No known significant effects or critical hazards.General:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.You known significant effects or critical hazards.:No known significant effects or critical hazards.:Mutagenicity:No known significant effects or critical hazards.You known significant effects or critical hazards.:You known significant effects or critical hazards.You known significant effects or critical hazards.	Short term exposure					
Potential delayed effects: Not available.Long term exposure.Potential immediate effects: Not available.Potential delayed effects: Not available.Potential chronic health effects: Not available.Potential chronic health effects: Mixture.Not fully tested.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.You known significant effects or critical hazards.No known significant effects or critical hazards.You known significant effects or critical hazards.No known significant effects or critical hazards.You known significant effects or critical hazards.	D					
Long term exposurePotential immediate effects:Not available.Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.General:No known significant effects or critical hazards.Garcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Teratogenicity:No known significant effects or critical hazards.						
Potential immediate effects Potential delayed effects:Not available.Potential chronic health effects:Not available.Potential chronic health effects:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.General Carcinogenicity Mutagenicity Teratogenicity:No known significant effects or critical hazards.Mutagenicity Teratogenicity:No known significant effects or critical hazards.	Potential delayed effects	:	Not available	2.		
Potential delayed effects: Not available.Potential chronic health effectsConclusion/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.	Long term exposure					
Potential delayed effects: Not available.Potential chronic health effectsConclusion/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.						
Potential chronic health effectsConclusion/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.		:				
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.Korr: No known significant effects or critical hazards.Conclusion/Summary: No known significant effects or critical hazards.	Potential delayed effects	:	Not available	2.		
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.	Potential chronic health effe	<u>cts</u>				
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.	~ · · · //					
Carcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Teratogenicity:No known significant effects or critical hazards.	Conclusion/Summary	:	Mixture.Not	tully tested.		
Carcinogenicity:No known significant effects or critical hazards.Mutagenicity:No known significant effects or critical hazards.Teratogenicity:No known significant effects or critical hazards.	General	:	No known si	gnificant effects or criti	cal hazards.	
Teratogenicity : No known significant effects or critical hazards.		:				
		:	No known si	gnificant effects or criti	cal hazards.	
Developmental effects : No known significant effects or critical hazards.		:				
	Developmental effects	:	No known si	gnificant effects or criti	cal hazards.	

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 Page 11 of 17 Print Date 04/26/2019

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	Species	Exposure				
Quartz							
Remarks - Acute - Fish:	No applicable toxicity data						
Remarks - Acute - Aquatic invertebrates.:	No applicable toxicity data						
Remarks - Acute - Aquatic plants:	No applicable toxicity data	No applicable toxicity data					
Remarks - Chronic - Fish:	No applicable toxicity data						
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data						
Titanium dioxide							
	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fish	96 h				
Remarks - Acute - Fish:	Acute						
	Acute LC50 3 Mg/l Fresh water Aquatic invertebrates. Crustaceans		48 h				
Remarks - Acute - Aquatic invertebrates.:	Acute						
	Acute LC50 6.5 Mg/l Fresh waterAquatic invertebrates.48 hDaphnia		48 h				
Remarks - Acute - Aquatic invertebrates.:	Acute	·					
Remarks - Acute - Aquatic plants:	No applicable toxicity data						
Remarks - Chronic - Fish:	No applicable toxicity data						
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data						
	di-C8-10-branched alkyl esters, C9-ri	ch					
Remarks - Acute - Fish:	No applicable toxicity data						
Remarks - Acute - Aquatic	No applicable toxicity data						
	11/17						





BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 Page 12 of 17 Print Date 04/26/2019

invertebrates.:						
Remarks - Acute - Aquatic	No applicable toxicity data					
plants:	11 ,					
Remarks - Chronic - Fish:	No applicable toxicity data					
Remarks - Chronic -	No applicable toxicity data					
Aquatic invertebrates.:						
Diundecyl phthalate						
Remarks - Acute - Fish:	No applicable toxicity data					
	Acute EC50 12 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h			
Remarks - Acute - Aquatic	Acute					
invertebrates.:						
Remarks - Acute - Aquatic	No applicable toxicity data					
plants:						
Remarks - Chronic - Fish:	No applicable toxicity data		_			
	Chronic NOEC 0.000059 Mg/l	Aquatic invertebrates.	21 d			
	Fresh water	Daphnia				
Remarks - Chronic -	Chronic					
Aquatic invertebrates.:						
BURGUNDY-PVC						
Remarks - Acute - Aquatic	Chemicals are not readily available a	as they are bound within the	e polymer matrix.			
invertebrates.:						
Conclusion/Summary		ly available as they are bou	nd 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
1,2-Benzenedicarboxylic acid, di-C8-	8.8	3.00	low
10-branched alkyl esters, C9-rich			

Mobility in soil

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

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019



Page 13 of 17 Print Date 04/26/2019

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	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	 United States - TSCA 12(b) - Chemical export notification: None of the components are listed. United States - TSCA 4(a) - Final Test Rules: Listed 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich
	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
	13/17

BURGUNDY-PVC

Version Number	er 1.4
Revision Date	04/25/2019

PolyOne

		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): Listed Quinacridone (C.I. Pigment Violet 19)
		United States - TSCA 8(c) - Significant adverse reaction (SAR):
		Not listed
		United States - TSCA 8(d) - Health and safety studies: Not listed
		United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Vinyl chloride monomer
		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
		Not listed
112(b)	:	Listed

Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I		Not listed
Substances	•	Not listed
Clean Air Act Section 602 Class II	:	Not listed
Substances		Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:

H

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019 Page 15 of 17 Print Date 04/26/2019

ne

Composition/information on ingredients

No products were found.

Name	%	Classification
Quartz	> 0 - <= 0.3	CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
Titanium dioxide	>= 5 - <= 10	CARCINOGENICITY - Category 2
Diundecyl phthalate	>= 5 - <= 10	EYE IRRITATION - Category 2B
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	>= 10 - <= 25	EYE IRRITATION - Category 2B

<u>SARA 313</u>

Not applicable.

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
		Titanium dioxide
		Calcium carbonate
		Ethene, chloro-, homopolymer
Pennsylvania	:	The following components are listed:
-		Quartz
		Titanium dioxide
		Calcium carbonate

California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, Quartz, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
1,2-Benzenedicarboxylic acid, di-C8-10-	No.	No.
branched alkyl esters, C9-rich		
Titanium dioxide	No.	No.

BURGUNDY-PVC



Version Number 1.4Page 16 of 17Revision Date 04/25/2019Print Date 04/26/2019

Quartz		No.	No.
United States inventory (TSCA 8b)	:	All components are listed or exempted.	
Canada inventory	:	At least one component is not listed in DS are listed in NDSL.	L but all such components
International regulations			
Inventory list			
Australia	:	All components are listed or exempted.	
Canada	:	At least one component is not listed in DS are listed in NDSL.	L but all such components
China	:	Not determined.	
Europe inventory	:	All components are listed or exempted.	
Japan	:	Not determined.	
New Zealand	:	Not determined.	
Philippines	:	Not determined.	
Republic of Korea	:	Not determined.	
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. <u>History</u>

Date of printing	:	04/26/2019
Date of issue/Date of revision	:	04/25/2019

BURGUNDY-PVC

Version Number 1.4 Revision Date 04/25/2019



Page 17 of 17 Print Date 04/26/2019

Date of previous issue Version	:	11/19/2018 1.4
Key to abbreviations	:	ATE = Acute Toxicity Estimate
Key to abbre viations	•	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.