

X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 1 of 15 Print Date 03/01/2019

SAFETY DATA SHEET

X0400333601 BAIN MAGIQUE SAMPLE

Section 1. Identification	on	
GHS product identifier Chemical name CAS number Other means of identification Product type	:	X0400333601 BAIN MAGIQUE SAMPLE Mixture Mixture VC10001200 solid
<u>Relevant identified uses of the subs</u> Product use	stance :	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



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019

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Page 2 of 15 Print Date 03/01/2019

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.

1

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	VC10001200

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	5 - 10	13463-67-7

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.



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3	Page 3 of 15
Revision Date 02/28/2019	Print Date 03/01/2019

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.
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 at	ttentio	n and special treatment needed, if necessary

Notes to physician Specific treatments	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

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



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3	Page 4 of 15
Revision Date 02/28/2019	Print Date 03/01/2019

Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide 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 or air).
Methods and materials for containme	ent ai	nd cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019

Page 5 of 15 Print Date 03/01/2019

Section 7. Handling and storage

Precautions for safe handling

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

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name		Exposure limits	
Titanium dioxide		OSHA PEL 1989 (1989-03-01) 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	
		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.	



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3	Page 6 of 15
Revision Date 02/28/2019	Print Date 03/01/2019

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		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this
Respiratory protection	:	product. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	:	solid
Color	:	WHITE
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 7 of 15 Print Date 03/01/2019

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	:	Not available.
Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
-		Kinematic: Not available.

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	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		
Titanium dioxide						
Remarks - Oral:	No applicable toxic	No applicable toxicity data				
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h		
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X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019

Page 8 of 15 Print Date 03/01/2019

	LD50 Dermal Rabbit			> 5,000 mg/kg	-	
Conclusion/Summary	: M	: Mixture.Not fully tested.				
Irritation/Corrosion						
Product/ingredient name	Result	Species	Score	Exposure	Observation	
Titanium dioxide	Skin - Mild irritant	Human		72 hrs	-	
Conclusion/Summary	·	•			-	
Skin		ixture.Not full				
Eyes		ixture.Not full				
Respiratory	: M	ixture.Not full	y tested.			
Sensitization						
Conclusion/Summary						
Skin	: M	ixture.Not full	y tested.			
Respiratory		ixture.Not full				
Mutagenicity						
Conclusion/Summary	: Mixture.Not fully tested.					
Carcinogenicity						
Conclusion/Summary Classification	: M	ixture.Not full	y tested.			
Product/ingredient	OSHA	IARC	NTP			
name						
Titanium dioxide		2B				
<u>Reproductive toxicity</u>						
Conclusion/Summary	: M	ixture.Not full	y tested.			
Teratogenicity						
Conclusion/Summary	: Mixture.Not fully tested.					
<u>Specific target organ toxicity (single exposure)</u> Not available.						
<u>Specific target organ toxicit</u> Not available.	y (repeated expo	osure)				



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 9 of 15 Print Date 03/01/2019

Aspiration hazard 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.
Symptoms related to the physical, c	hemi	cal and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Delayed and immediate effects as w	ell 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 chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.

Numerical measures of toxicity



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 10 of 15 Print Date 03/01/2019

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure				
Titanium dioxide							
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h				
	water						
Remarks - Acute - Fish:	Acute						
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates.	48 h				
		Crustaceans					
Remarks - Acute - Aquatic	Acute						
invertebrates.:							
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.	48 h				
		Daphnia					
Remarks - Acute - Aquatic	Acute						
invertebrates.:							
Remarks - Acute - Aquatic	No applicable toxicity data						
plants:							
Remarks - Chronic - Fish:	No applicable toxicity data						
Remarks - Chronic -	No applicable toxicity data						
Aquatic invertebrates.:							
Conclusion/Summary	: Not available.						
Persistence and degradability	<u>v</u>						
Conclusion/Summary	: Not available.						
Conclusion/Summary	• Not available.						
Bioaccumulative potential							
Not available.							
<u>Mobility in soil</u>							
Soil/water partition coefficient : Not available.							
(KOC)							
	10/15						



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019

Page 11 of 15 Print Date 03/01/2019

Other adverse effects

No known significant effects or critical hazards.

Section 13. Disposal considerations

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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: 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
		11/15



X0400333601 BAIN MAGIQUE SAMPLE

Version Number	er 1.3
Revision Date	02/28/2019

Page 12 of 15 Print Date 03/01/2019

		listed	
		United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed	
		United States - TSCA 5(e) - Substances consent order: Not listed	
		United States - TSCA 6 - Final risk management: Not listed	
		United States - TSCA 6 - Proposed risk management: Not listed	
		United States - TSCA 8(a) - Chemical risk rules: Not listed	
		United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed	
		United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined	
		United States - TSCA 8(a) - Preliminary assessment report	
		(PAIR): Not listed	
		United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed	
		United States - TSCA 8(d) - Health and safety studies: Not listed	
		United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed 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	
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Listed	
Clean Air Act Section 602 Class I Substances	:	Not listed	
	:	Not listed	

Clean Air Act Section 602 Class I	:	Not listed
Substances Clean Air Act Section 602 Class II		Not listed
Substances		
	:	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.



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 13 of 15 Print Date 03/01/2019

Composition/information on ingredients

No products were found.

Name	%	Classification
Titanium dioxide	>= 5 - <= 10	CARCINOGENICITY - Category 2

<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: Ethene, chloro-, homopolymer
Pennsylvania	Titanium dioxideThe following components are listed: Titanium dioxide

California Prop. 65

WARNING: This product can expose you to Titanium dioxide, which is 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
Titanium dioxide	No.	No.

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	All components are listed or exempted.
International regulations		
<u>Inventory list</u>		
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	:	Not determined.
New Zealand	:	Not determined.
Philippines	:	All components are listed or exempted.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	All components are listed or exempted.
Turkey	:	Not determined.
		13/15



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 14 of 15 Print Date 03/01/2019

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
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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

<u>Instory</u>		
Date of printing	:	03/01/2019
Date of issue/Date of revision	:	02/28/2019
Date of previous issue	:	11/16/2007
Version	:	1.3
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



X0400333601 BAIN MAGIQUE SAMPLE

Version Number 1.3 Revision Date 02/28/2019 Page 15 of 15 Print Date 03/01/2019

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.