

### MATERIAL SAFETY DATA SHEET

### PG 50723 WT PE

Version Number 1.0 Revision Date 03/05/2004

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012

NON-EMERGENCY TELEPHONE	:	Product Stewardship (770) 271-5902	
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).	
Product name	:	PG 50723 WT PE	
Product code	:	CC10050723	
Chemical Name	:	Mixture	
CAS-No.	:	Mixture	
Product Use	:	Industrial Applications	

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Titanium dioxide	13463-67-7	10 - 30

### **3. HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

### POTENTIAL HEALTH EFFECTS

Routes of Exposure:	: Inhalation, Ingestion, Skin contact		
Acute exposure			
Inhalation Ingestion Eyes	<ul> <li>Resin particles, like other inert materials, can be mechanically irritating.</li> <li>May be harmful if swallowed.</li> <li>Resin particles, like other inert materials, are mechanically irritating to eyes.</li> </ul>		
Skin	: Experience shows no unusual dermatitis hazard from routine handling.		
Chronic exposure	: Refer to Section 11 for Toxicological Information.		
Medical Conditions Aggravated by Exposure:	: None known.		



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	4. FIRST AID MEASURES
Inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases o doubt seek medical advice.
Ingestion	: Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.
Eyes	: Rinse immediately with plenty of water, also under the eyelids, for a least 15 minutes. If eye irritation persists, seek medical attention.
Skin	: Wash off with soap and plenty of water. If skin irritation persists see medical attention.
	5. FIRE-FIGHTING MEASURES
Flash point	: Not applicable
Flammable Limits	
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Autoignition temperature	: Not applicable
Suitable extinguishing media	: Carbon dioxide blanket, water spray, dry powder, foamnone.
Special Fire Fighting Procedures	: Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
Unusual Fire/Explosion Hazards	: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.
	6. ACCIDENTAL RELEASE MEASURES
Personal precautions	: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Environmental precautions	: Should not be released into the environment. The product should no be allowed to enter drains, water courses or the soil.
Methods for cleaning up	: Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section 1 of this MSDS for proper disposal methods.
	7. HANDLING AND STORAGE
Handling	: Take measures to prevent the build up of electrostatic charge Heat only in areas with appropriate exhaust ventilation.
Storage	: Keep containers dry and tightly closed to avoid moisture absorption



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8. EX Respiratory protection Eye/Face Protection Hand protection Skin and body protection Additional Protective	: N : S : P		rotectiv	ve equipment normally r	equired.		
Eye/Face Protection Hand protection Skin and body protection	: S : P	afety glasses with side-s			equired.		
Hand protection Skin and body protection	: P		hields.				
Skin and body protection		rotective gloves.		: Safety glasses with side-shields.			
	: L			: Protective gloves.			
Additional Protective		ong sleeved clothing.					
Measures	: S	afety shoes.					
General Hygiene Considerations		Iandle in accordance with Vash hands before breaks			afety practice.		
Engineering measures		leat only in areas with appropriate exhaust ventil			Provide		
Exposure limit(s)							
Components	Value	Exposure time		Exposure type	List:		
	ValueExposure time10 mg/m3Time Weighted Average (TWA):		age	AC			
1	15 mg/m3	PEL:		Total dust.	OSHA Z1		
	9. PHYSIC	CAL AND CHEMICAI	L PRO	PERTIES			
Form Appearance	: Solic : Pelle				applicable determined		
Color			Bulk de		established		
Odor	: WHITE : Very faint				applicable		
Melting point/range	: Not determined				applicable		
Boiling Point:	: Not a		рН		applicable		
Water solubility	: Insol		L		11		
	10. 8	STABILITY AND REA	CTIV	ITY			
Stability	: S	table.					
Hazardous Polymerization	: W	Vill not occur.					
Conditions to avoid : Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.							
Incompatible Materials	: Ir	ncompatible with strong	acids a	and oxidizing agents.			



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Hazardous decomposition : products

: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.

### 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.

**Toxicity Overview** 

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ		
13463-67-7	Titanium dioxide	ium dioxide Systemic effects Respiratory system.			
12. ECOLOGICAL INFORMATION					
Persistence and degradability : Not readily biodegradable.					
Environmental Toxicity		: Chemicals are not readily available as they are bound within the matrix of the polymer.			
Bioaccumulation Poten		Chemicals are not readily available as they are bound within the matrix of the polymer.			
Additional advice	: No data avail	lable			
	13. DISPOSAL	CONSIDERATIONS	5		
Product Contaminated packagir	possible recy generator of classification applicable fe g : Recycling is has the respo	e most thermoplastic plastics the product can be recycled. Where sible recycling is preferred to disposal or incineration. The erator of waste material has the responsibility for proper waste sification, transportation and disposal in accordance with licable federal, state/provincial and local regulations. ycling is preferred when possible. The generator of waste material the responsibility for proper waste classification, transportation disposal in accordance with applicable federal, state/provincial			
		and local regulations.			
	14. TRANSPO	RT INFORMATION			
U.S. DOT Classificatio	n : Not regulated	l for transportation.			
ICAO/IATA (air)	O/IATA (air) : Refer to specific regulation.				
IMO / IMDG (maritime) : Refer to specific regulation.					
	15. REGULAT	ORY INFORMATION	N		



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US Regulations:   QSHA Status : Classified as hazardous based on components.   TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.   US. EPA CERCLA Hazardous Substances (40 CFR 302)   Not applicable   California Proposition : This product does not contain a substance listed by California Prop 6S. 65   SARA Title III Section 302 Extremely Hazardous Substance   Not applicable   SARA Title III Section 313 Toxic Chemicals:   Not applicable   Canadian Regulations:   National Pollutant Release Inventory (NPRI)   Not applicable   SARA Title III Section 313 Toxic Chemicals:   Not applicable   Quantitie III Section 313 Toxic Chemicals:   Not applicable   Quantitie Canadian Regulations:   National Pollutant Release Inventory (NPRI)   Not applicable   Quantitie III Section 313 Toxic Chemicals:   Not applicable   Quantitie III Section 313 Toxic Chemicals:   Not applicable   Quantitie Canadian Regulations:   National Pollutant Release Inventory (NPRI)   Not applicable   Quantitie III Section 313 Toxic Chemicals:   Not applicable   Quantitie III Section 313 Toxic Chemic	Version Number 1.0 Revision Date 03/05/2004		Page 5 of 6 Print Date 11/14/2011
OSHA Status       :       Classified as hazardous based on components.         TSCA Status       :       All components of this product are listed on or exempt from the TSCA Laventory.         US. EPA CERCLA Hazardous Substances (40 CFR 302)       Not applicable         Not applicable       :         California Proposition       :       This product does not contain a substance listed by California Prop 65.         SARA Title III Section 302 Extremety Hazardous Substance       :       Status         Not applicable       :       :         SARA Title III Section 313 Toxic Termicals:       :       Not applicable         Not applicable       :       :         National Pollutant Release Inventory (NPRI)       :       :         Not applicable       :       :         Quantity in the interventories:       :       :         National Pollutant Release Inventory (NPRI)       :       :         Not applicable       :       :         Quantity in the interventories:       :       :         National Pollutant Release Inventory (NPRI)       :       :         Not applicable       :       :       :         Quantity in the interventories:       :       :       :         Mational Inventories:       :	US Regulations		
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California Proposition       :       This product does not contain a substance listed by California Prop 65.         SARA Title III Section 302 Extreme Hazardous Substance         Not applicable         SARA Title III Section 313 Toxic Hemicals:         Not applicable         Saradian Regulations:         National Pollutant Release Horry (NPRI)         Not applicable         WHMIS Classification       :         DSL       :         DSL       :         All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       :         Australia AICS       :       !         Australia AICS <td< td=""><td>US. EPA CERCLA Hazardous Su</td><td>ostances (40 CFR 302)</td><td></td></td<>	US. EPA CERCLA Hazardous Su	ostances (40 CFR 302)	
65 SARA Title III Section 302 Extremely Hazardous Substance Not applicable SARA Title III Section 313 Toxic Unerricals: Not applicable Canadian Regulations: National Pollutant Release Internetive (NPRI) Not applicable WHMIS Classification if Not controlled. DSL if Not controlled. DSL if All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt. National Internetives: National Internetives: Australia AICS if Listed China IECS if Listed Furope EINECS if Listed Agan ENCS if Listed Korea KECI if Listed Not determined	Not applicable		
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WHMIS Classification:Not controlled.DSL:All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.National Inventories::Australia AICS:China IECS:Europe EINECS:Japan ENCS:ListedKorea KECI:Philippines PICCS:Not determined	National Pollutant Release	nventory (NPRI)	
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Japan ENCS       :       Listed         Korea KECI       :       Listed         Philippines PICCS       :       Not determined	China IECS :	Listed	
Korea KECI     :     Listed       Philippines PICCS     :     Not determined	Europe EINECS :	Listed	
Philippines PICCS : Not determined	Japan ENCS :	Listed	
	Korea KECI :	Listed	
16. OTHER INFORMATION	Philippines PICCS :	Not determined	
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials and/or in any particular process or processing conditions.