

#### MATERIAL SAFETY DATA SHEET

## STAN-TONE HCC-27961 DARK GRAY

Version Number 1.0 Revision Date 05/19/2003 Page 1 of 6 Print Date 11/11/2011

## 1. PRODUCT AND COMPANY IDENTIFICATION

#### POLYONE CORPORATION 2700 Papin Street, St. Louis, MO 63103

NON-EMERGENCY TELEPHONE	:	Product Stewardship, (314) 771-1800
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	STAN-TONE HCC-27961 DARK GRAY
Product code	:	FO20004976
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

#### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components	CAS-No.	Weight %
Titanium dioxide	13463-67-7	30 - 60

#### **3. HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

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.

#### POTENTIAL HEALTH EFFECTS

<b>Routes of Exposure:</b>	: Inhalation, Skin contact, Ingestion
Acute exposure	
Inhalation	: Inhalation of airborne droplets may cause irritation of the respiratory tract.
Ingestion	: May be harmful if swallowed.
Eyes	: May cause eye/skin irritation.
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 of doubt seek medical advice.		
Ingestion	:	Do not induce vomiting without medical advice. Seek medical attention if necessary.		
Eyes	:	Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.		
Skin	:	Wash off with soap and plenty of water. If skin irritation persists seek medical attention.		
		5. FIRE-FIGHTING MEASURES		
Flash point	:	No data available.		
Flammable Limits Upper explosion limit Lower explosion limit Autoignition temperature Suitable extinguishing media	::	No data available. No data available. Not applicable. Carbon dioxide blanket, dry powder, foam, Water spray.		
Special Fire Fighting Procedures Unusual Fire/Explosion	:	Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. None		
Hazards				
6	5. A(	CCIDENTAL 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 not be allowed to enter drains, water courses or the soil.		
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.		
		7. HANDLING AND STORAGE		
Handling	:	Heat only in areas with appropriate exhaust ventilation. Prolonged heating may result in product degradation.		



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Storage	: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.					
8. E	XPOSURE	CONTROLS / PEF	SONAL	PROTECTION		
Respiratory protection	: U	nder normal handlin	g conditio	ons a respirator may	y not be	e required.
Eye/Face Protection	: S	afety glasses with sid	le-shields			
Hand protection	: P	rotective gloves.				
Skin and body protection	: L	ong sleeved clothing				
Additional Protective Measures	: S	afety shoes.				
General Hygiene Considerations		andle in accordance Vash hands before br				fety practice
Engineering measures		eat only in areas wit			ation. I	Provide
Exposure limit(s)						
Components	Value	Exposure tin	ne	Exposure typ	e	List:
Titanium dioxide	10 mg/m3	Time Weighted A (TWA):			_	ACGIH
Titanium dioxide	15 mg/m3	PEL:		Total dust.		OSHA Z1
	9. PHYSIC	CAL AND CHEMI	CAL PRO	PERTIES		
Form Appearance		id id, Viscous liquid ersion		ration rate : ic Gravity :		established letermined
Color	: GRE	Y	Bulk d			pplicable.
Odor Melting point/range		faint applicable		pressure : density :		letermined ier than air.
Boiling Point:	: Not applicable pI			:		letermined
Water solubility	: Imm	iscible	-			
	10. 8	STABILITY AND R	REACTIV	<b>TTY</b>		
Stability	: S	table.				
Hazardous Polymerization	n : W	vill not occur.				
				ts and open flame.	To av	oid thermal



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Incompatible Materials	: Incompatil	ble with strong acids and	oxidizing agents.
Hazardous decomposition products			noxide (CO), oxides of nitrogen and smoke are all possible.
	11. TOXICOL	OGICAL INFORMATI	ION
health data for the indivi			sure effects listed are based on exi
<u>Toxicity Overview</u> This product contains th	e following component	s which in their pure forr	n have the following characteristic
CAS-No.	Chemical Name	Effect	Target Organ
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system.
	12. ECOLOG	GICAL INFORMATIO	N
Persistence and degradal	oility : Not readily	y biodegradable.	
Environmental Toxicity	: Environme whole.	ental toxicity has not been	n established for this mixture as a
Bioaccumulation Potent	al : No data av	vailable.	
Additional advice	: No data av	vailable.	
	13. DISPOSA	AL CONSIDERATION	S
Product	generator o classificati	of waste material has the	red to disposal or incineration. Th responsibility for proper waste sposal in accordance with and local regulations.
Contaminated packaging	has the res and dispos	ponsibility for proper wa	le. The generator of waste materia ste classification, transportation plicable federal, state/provincial
	14. TRANSI	PORT INFORMATION	J
U.S. DOT Classification	: Refer to sp	pecific regulation.	
ICAO/IATA	: Refer to sp	pecific regulation.	
IMO / IMDG	: Refer to sp	pecific regulation.	
	15. REGULA	TORY INFORMATIO	N



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US Regulations:       OSHA 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         Not applicable       :       Status         California Proposition 55       :       This product does not contain a substance listed by California Prop 65. 65         SARA Title III Section 302 Extremely Hazardous Substance       Not applicable         SARA Title III Section 313 Toxic Chemicals:       Not applicable         SARA Title III Section 313 Toxic Chemicals:       Not applicable         SARA Title III Section 313 Toxic Chemicals:       Not applicable         SARA Title III Section 313 Toxic Chemicals:       Not applicable         SARA Title III Section 313 Toxic Chemicals:       Not applicable         VIMUS Classification :       :       Status Chemicals:         Not applicable       :       Substances List (DSL) or are exempt.         National Inventories:       :       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       :       :       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       :       :	/ersion Number 1.0 Revision Date 05/19/2003		Page 5 of 6 Print Date 11/11/2011
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       Not applicable         California Proposition       :         California Proposition       :         SARA Title III Section 302 Extremety Hazardous Substance         Not applicable         SARA Title III Section 313 Toxic Extremetals: Not applicable         MHMIS Classification       :         DSL       :         DSL       :         Mutania Regulations:       :         Mutania AICS       :         Australia AICS       :         Europe EINECS       :         Japan ENCS       :         Japan ENCS       :         Not determined.         Arrow       :         Mutania AICS       :         Mutanis AICS       :	US Regulations:		
Inventory:	OSHA Status	:	Classified as hazardous based on components.
Not applicable         California Proposition       :         Start Title III Section 302 Externational Substance listed by California Prop 65.         SARA Title III Section 302 Externational Substance         Not applicable         SARA Title III Section 313 Toxic Chemicals:         Not applicable         SARA Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Not applicable         Sata Title III Section 313 Toxic Chemicals:         Sata Toxic III Section 313 Toxic Chemicals:         Sata Toxic III Section 313 Toxic Chemicals:         Sata Toxic III Section 314         Sata Section 315 <td>TSCA Status</td> <td>:</td> <td></td>	TSCA Status	:	
California Proposition       :       This product does not contain a substance listed by California Prop 65.         SARA Title III Section 302 Extremely Hazardous Substance         Not applicable         SARA Title III Section 313 Toxic Extensicals:         Not applicable         Canadian Regulations:         WHMIS Classification       :         DSL       D2B         DSL       :         Australia AICS       :         Australia AICS       :         Lingope EINECS       :         Japan ENCS       :         Korea KECI       :         Not determined.         Korea KECI       :         Not determined.         Philpipines PICCS       :	US. EPA CERCLA Hazardous	Sub	stances (40 CFR 302)
65 SARA Title III Section 302 Extremely Hazardous Substance Not applicable SARA Title III Section 313 Toxtermicals: Not applicable Canadiam Regulations: WHMIS Classification if D2B DSL DSL DSL DSL All components of this product are on the Canadian Domestic Bustances List (DSL) or are exempt. National Inventories: Australia AICS if Listed. China IECS if Listed. China IECS if Disted. Augan ENCS	Not applicable		
Not applicable         SARA Title III Section 313 Tox:: termicals:         Sara Title III Section 313 Tox:: termicals:         Not applicable         Sara Title III Section 313 Tox:: termicals:         Sara Title III Section 313 Tox:: termicals:         Sara Title III Section 313 Tox:: termicals:         Canaditarion is: termicals:         DSL       D2B         DSL       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:         National Ecos       I Sated.         Australia AICS       I Sited.         China IECS       I Sot determined.         Iapan ENCS       I Not determined.         Area KECI       I Not determined.         Philippines PICCS       I Sited.	-	:	This product does not contain a substance listed by California Prop 65.
SARA Title III Section 313 Toxizelis         Not applicable         Canadian Regulations:         WHMIS Classification is         DSL       D2B         DSL       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       Isted.         Australia AICS       Isited.         China IECS       Isited.         Iapan ENCS       Not determined.         Korea KECI       Not determined.         Philippines PICCS       Isited.	SARA Title III Section 302 Ext	rem	ely Hazardous Substance
Not applicable         Canadian Regulations:         WHMIS Classification       :         DSL       Classification Substances of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         Nationarian AICS       :         Australia AICS       :         China IECS       :         Income EINECS       :         Augan ENCS       :         Not determined.         Apan ENCS       :         Not determined.         Philippines PICCS       :         Intervalue       :         Intervalue       :         State       :         Intervalue       :         Intervalue <td>Not applicable</td> <td></td> <td></td>	Not applicable		
Canadian Regulations:       WHMIS Classification       :       D2B         DSL       :       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       :       Stated.         Australia AICS       :       Listed.         China IECS       :       Stated.         Japan ENCS       :       Not determined.         Korea KECI       :       Not determined.         Philippines PICCS       :       Listed.	SARA Title III Section 313 Tox	ic C	Chemicals:
WHMIS Classification       :       D2B         DSL       :       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       :       Isted.         China IECS       :       Isted.         Europe EINECS       :       Not determined.         Japan ENCS       :       Not determined.         Forie KECI       :       Not determined.         Philippines PICCS       :       Isted.	Not applicable		
DSL       : All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       : Australia AICS       : Listed.         Australia AICS       : Listed.         China IECS       : Listed.         Europe EINECS       : Not determined.         Japan ENCS       : Not determined.         Korea KECI       : Not determined.         Philippines PICCS       : Listed.	Canadian Regulations:		
National Inventories:       Substances List (DSL) or are exempt.         Australia AICS       :         Australia AICS       :         China IECS       :         Europe EINECS       :         Japan ENCS       :         Korea KECI       :         Philippines PICCS       :         Listed.	WHMIS Classification	:	D2B
Australia AICS:Listed.China IECS:Listed.Europe EINECS:Not determined.Japan ENCS:Not determined.Korea KECI:Not determined.Philippines PICCS:Listed.	DSL	:	
China IECS:Listed.Europe EINECS:Not determined.Japan ENCS:Not determined.Korea KECI:Not determined.Philippines PICCS:Listed.	National Inventories:		
Europe EINECS:Not determined.Japan ENCS:Not determined.Korea KECI:Not determined.Philippines PICCS:Listed.	Australia AICS	:	Listed.
Japan ENCS       : Not determined.         Korea KECI       : Not determined.         Philippines PICCS       : Listed.	China IECS	:	Listed.
Korea KECI       : Not determined.         Philippines PICCS       : Listed.	Europe EINECS	:	Not determined.
Philippines PICCS : Listed.	Japan ENCS	:	Not determined.
	Korea KECI	:	Not determined.
16. OTHER INFORMATION	Philippines PICCS	:	Listed.
			16. OTHER INFORMATION



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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 used in combination with any other materials or in any process, unless specified in the text.