MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30760 GRASSY GREEN

Version Number 1.0 Revision Date 02/28/2007 Page 1 of 6 Print Date 11/26/2011

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152

Product Stewardship (770) 590-3500 x.3563 CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
STAN-TONE HCC-30760 GRASSY GREEN
FO20016082
Mixture
Mixture
Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
Titanium dioxide	13463-67-7	5 - 10

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

Routes of Exposure:	: 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.



MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30760 GRASSY GREEN

Version Number 1.0 Revision Date 02/28/2007 Page 2 of 6 Print Date 11/26/2011

	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. Seek medical attention if necessary.
Eyes	: Rinse immediately with plenty of water for at least 15 minutes. If ey 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	: No data available
Flammable Limits Upper explosion limit Lower explosion limit Autoignition temperature Suitable extinguishing media Special Fire Fighting Procedures Unusual Fire/Explosion Hazards	 No data available No data available Not applicable Carbon dioxide blanket, water spray, dry powder, foam. Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. 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
r crsonar precautions	impervious gloves, boots and coveralls.
Environmental precautions	: The product should not be allowed to enter drains, water courses or th soil. Should not be released into the environment.
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.

MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30760 GRASSY GREEN

Version Number 1.0 Revision Date 02/28/2007

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Page 3 of 6 Print Date 11/26/2011

		Keep containers dry and nd contamination. Sto			sture absorption
8. I	XPOSURE	CONTROLS / PERS	SONAL	PROTECTION	
Respiratory protection	: U	Under normal handling	conditio	ns a respirator may	not be required.
Eye/Face Protection	: S	afety glasses with side	-shields.		
Hand protection	: P	rotective gloves.			
Skin and body protection	: L	ong sleeved clothing.			
Additional Protective Measures	: S	afety shoes.			
General Hygiene Considerations		Iandle in accordance w Vash hands before brea			
Engineering measures		Ieat only in areas with ppropriate exhaust ven			ion. Provide
		FFF		a machinery.	
Exposure limit(s)					T.(
Components	Value	Exposure time		Exposure type	List:
	Value 10 mg/m3	Exposure time Time Weighted Av (TWA):		Exposure type	ACGIH
Components	Value	Exposure time Time Weighted Av (TWA): PEL:	erage		
Components	Value 10 mg/m3	Exposure time Time Weighted Av (TWA):	erage	Exposure type	ACGIH
Components	Value 10 mg/m3 15 mg/m3 20 mg/m3	Exposure time Time Weighted Av (TWA): PEL: Short Term Exposure	erage e Limit	Exposure type Total dust. as Ti	ACGIH OSHA Z1
Components	Value 10 mg/m3 15 mg/m3 20 mg/m3 9. PHYSIC : liqui : liqui	Exposure time Time Weighted Av (TWA): PEL: Short Term Exposure (STEL): CAL AND CHEMICA d d, Viscous liquid	erage e Limit AL PRO Evapor	Exposure type Total dust. as Ti PERTIES ation rate :	ACGIH OSHA Z1
Components Titanium dioxide	Value 10 mg/m3 15 mg/m3 20 mg/m3 9. PHYSIC : liqui : liqui	Exposure time Time Weighted Av (TWA): PEL: Short Term Exposure (STEL): CAL AND CHEMICA d d, Viscous liquid ersion	erage e Limit AL PRO Evapor	Exposure type Total dust. as Ti PERTIES ation rate : c Gravity: :	ACGIH OSHA Z1 MX OEL
Components Titanium dioxide Form Appearance	Value 10 mg/m3 15 mg/m3 20 mg/m3 9. PHYSIC : liqui : liqui dispo : GRE	Exposure time Time Weighted Av (TWA): PEL: Short Term Exposure (STEL): CAL AND CHEMICA d d, Viscous liquid ersion	erage e Limit AL PRO Evapor Specifi Bulk de	Exposure type Total dust. as Ti PERTIES ation rate : c Gravity: : ensity :	ACGIH OSHA Z1 MX OEL Not established Not determined
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Components Titanium dioxide Form Appearance Color Odor Melting point/range	Value 10 mg/m3 15 mg/m3 20 mg/m3 9. PHYSIO : liqui dispo : GRE : Very : Not	Exposure time Time Weighted Av (TWA): PEL: Short Term Exposure (STEL): CAL AND CHEMICA d d, Viscous liquid ersion EEN	erage e Limit AL PRO Evapor Specifi Bulk de Vapor	Exposure type Total dust. as Ti PERTIES ation rate : c Gravity: : ensity : odensity :	ACGIH OSHA Z1 MX OEL Not established Not determined Not applicable Not determined
Components Titanium dioxide Form Appearance Color Odor	Value 10 mg/m3 15 mg/m3 20 mg/m3 9. PHYSIC : liqui dispon : GRE : Very : Not : Not	Exposure time Time Weighted Av (TWA): PEL: Short Term Exposure (STEL): CAL AND CHEMICA d d, Viscous liquid ersion EEN / faint applicable	erage e Limit AL PRO Evapor Specifi Bulk de Vapou	Exposure type Total dust. as Ti PERTIES ation rate : c Gravity: : ensity : odensity :	ACGIH OSHA Z1 MX OEL Not established Not determined Not applicable Not determined Heavier than air.

Stability	:	Stable.
Hazardous Polymerization	:	Will not occur.
Conditions to avoid	:	Keep away from oxidizing agents and open flame. To avoid thermal

MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30760 GRASSY GREEN

Version Number 1.0 Revision Date 02/28/2007 Page 4 of 6 Print Date 11/26/2011

		decomposition, do not overheat.
Incompatible Materials	:	Incompatible with strong acids and oxidizing agents.
Hazardous decomposition products	:	Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.

decomposition do not overheat

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	Systemic effects	Respiratory system.

Carcinogenicity

This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
13463-67-7	Titanium dioxide	no	2B	no

IARC Carcinogen Classifications:

1 - The component is carcinogenic to humans.

2A - The component is probably carcinogenic to humans.

2B - The component is possibly carcinogenic to humans.

NTP Carcinogen Classifications:

1 - The component is known to be a human carcinogen.

2 - The component is reasonably anticipated to be a human carcinogen.

12. ECOLOGICAL INFORMATION

	1	3. DISPOSAL CONSIDERATIONS	
Bioaccumulation Potential Additional advice	:	No data available No data available	
Environmental Toxicity	:	Environmental toxicity has not been established for this mixture as a whole.	
Persistence and degradability	:	Not readily biodegradable.	

Product

: Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with



MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30760 GRASSY GREEN

applicable federal, state/provincial and Contaminated packaging : Recycling is preferred when possible. T has the responsibility for proper waste of and local regulations. ILA TRANSPORT INFORMATION U.S. DOT Classification : Refer to specific regulation. ICAO/IATA (air) : Refer to specific regulation. IMO / IMDG (maritime) : Refer to specific regulation. IS REGULATORY INFORMATION US Regulations: OSHA Status : Classified as hazardous based on compu- TSCA Status : All components of this product are liste Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) Not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is No SARA Title III Section 313 Toxic Chemicals:	Page 5 of 6 Print Date 11/26/2011
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U.S. DOT Classification : Refer to specific regulation. ICAO/IATA (air) : Refer to specific regulation. IMO / IMDG (maritime) : Refer to specific regulation. IS. REGULATORY INFORMATION US Regulations: OSHA Status : Classified as hazardous based on comparent of this product are listed inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) Not applicable California Proposition : Not applicable 65 SARA Title III Section 302 Extremely Hazardous Substance Unless specific chemicals are identified under this section, this product is Not SARA Title III Section 313 Toxic Chemicals:	classification, transportation
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Unless specific chemicals are identified under this section, this product is No SARA Title III Section 313 Toxic Chemicals:	
SARA Title III Section 313 Toxic Chemicals:	
	ot Applicable under this regulation
Unless specific chemicals are identified under this section, this product is No	ot Applicable under this regulation
Canadian Regulations:	
National Pollutant Release Inventory (NPRI)	
Chemical Name CAS-No. W	eight % NPRI ID#



MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30760 GRASSY GREEN

Version Number 1.0 Revision Date 02/28/2007

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Page 6 of 6 Print Date <u>11/26/2</u>011

Phthalocyanine green			1328-53-6	5.00 - 10.00	71
WHMIS Classification	:	Not controlled.			
DSL	:		s of this product a (DSL) or are exe	are on the Canadian	Domestic
ational Inventories:					
Australia AICS	:	Listed			
China IECS	:	Listed			
Europe EINECS	:	Listed			
Japan ENCS	:	Not determined			
Korea KECI	:	Listed			
Philippines PICCS	:	Listed			
		16. OTHER I	NFORMATION		

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.