MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30841 HUNTER GREEN

Version Number 1.0 Revision Date 06/15/2007 Page 1 of 6 Print Date 11/29/2011

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone Emergency telephone	:	Product Stewardship (770) 590-3500 x.3563 CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	STAN-TONE HCC-30841 HUNTER GREEN
Product code	:	FO20016799
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
Calcium carbonate	1317-65-3	1 - 5
Titanium dioxide	13463-67-7	1 - 5

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-30841 HUNTER GREEN

Version Number 1.0 Revision Date 06/15/2007 Page 2 of 6 Print Date 11/29/2011

	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 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 seel 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 impervious gloves, boots and coveralls.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the 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.

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MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30841 HUNTER GREEN

Version Number 1.0 Revision Date 06/15/2007

Page 3 of 6 Print Date 11/29/2011

Storage	: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.
8. EXP	OSURE CONTROLS / PERSONAL PROTECTION
Respiratory protection	: Under normal handling conditions a respirator may not be required.
Eye/Face Protection	: Safety glasses with side-shields
Hand protection	: Protective gloves
Skin and body protection	: Long sleeved clothing
Additional Protective Measures	: Safety shoes
General Hygiene Considerations	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Engineering measures	: Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Calcium carbonate	5 mg/m3	PEL:	Respirable fraction.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	10 mg/m3	Time Weighted Average (TWA):		MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):		MX OEL
Titanium dioxide	10 mg/m3	Time Weighted Average (TWA):		ACGIH
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	10 mg/m3	Time Weighted Average (TWA):	as Ti	MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):	as Ti	MX OEL

	9. PHYSICAL AND CHI	EMICAL PROPERTIES
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Form Appearance	: liquid: liquid, Viscous liquiddispersion	Evaporation rate Specific Gravity	Not establishedNot determined
Color Odour Melting point/range Boiling Point: Water solubility	 : GREEN : Very faint : Not applicable : Not applicable : Immiscible 	Bulk density Vapour pressure Vapour density pH	Not applicableNot determinedHeavier than air.Not determined

MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30841 HUNTER GREEN

Version Number 1.0 Revision Date 06/15/2007

Page 4 of 6 Print Date 11/29/2011

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

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
1317-65-3	Calcium carbonate	Irritant	Eyes, Skin.
		Systemic effects	Eyes, Skin, Respiratory system.
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

Persistence and degradability	:	Not readily biodegradable.
Environmental Toxicity	:	Environmental toxicity has not been established for this mixture as a whole.



MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30841 HUNTER GREEN

Version Number 1.0 Revision Date 06/15/2007 Page 5 of 6 Print Date 11/29/2011

Bioaccumulation Potential : No data available Additional advice : No data available Image: Construct the end of the experiment of the e	accumulation Potential	labla
13. DISPOSAL CONSIDERATIONS Product : Where possible recycling is preferred to disposal or incineration. generator of waste material has the responsibility for proper wast classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations. Contaminated packaging : Recycling is preferred when possible. The generator of waste ma has the responsibility for proper waste classification, transportatio and disposal in accordance with applicable federal, state/provinci and local regulations. U.S. DOT Classification : Refer to specific regulation. ICAO/IATA (air) : Refer to specific regulation. IMO / IMDG (maritime) : Refer to specific regulation. US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on or exempt from the T Inventory. US. EPA CERCLA Hazardous Substances (40 CFR 302) Not applicable Not applicable : Not applicable		
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California Proposition : Not applicable 65	EPA CERCLA Hazardous S	^r R 302)
65	Not applicable	
SARA Title III Section 302 Extremely Hazardous Substance	-	le
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Unless specific chemicals are identified under this section, this product is Not Applicable under this re	ess specific chemicals are ide	section, this product is Not Applicable under this regul

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MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30841 HUNTER GREEN

Version Number 1.0 Revision Date 06/15/2007 Page 6 of 6 Print Date 11/29/2011

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Canadian Regulations:

Chemical Name		CAS-No.	Weight %	NPRI ID#		
Phthalocyanine green		1328-53-6	10.00 - 30.00	71		
WHMIS Classificatio WHMIS Ingredient D		-				
w minis ingredient D	ISCIOSUIC LI	51				
CAS-No. 1328-53-6						
DSL		All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.				
ational Inventories:						
Australia AICS	: Lis	ted				
China IECS	: Lis	ted				
Europe EINECS	: Lis	ted				
Japan ENCS	: Not	determined				
Korea KECI	: Lis	ted				
Philippines PICCS	: Lis	tod				

16. OTHER INFORMATION

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.