MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30211 ORANGE

Version Number 1.0 Revision Date 07/12/2005

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1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone:Emergency telephone:number:Product name:Product code:		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-30211 ORANGE
Product code	:	FO20011959
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
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.

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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 or 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	 No data available No data available Not applicable Carbon dioxide blanket, water spray, dry powder, foam.
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. Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen
Hazards	(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 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.

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Storage		Keep containers dry a and contamination. S			noisture	e absorption
8. H	XPOSURE	CONTROLS / PE	RSONAL	PROTECTION		
Respiratory protection	: U	Under normal handlin	ng conditio	ons a respirator m	ay not l	be required.
Eye/Face Protection	: 5	Safety glasses with si	de-shields			
Hand protection	: F	Protective gloves.				
Skin and body protection	: I	Long sleeved clothing	<u>z</u> .			
Additional Protective Measures	: 5	Safety shoes.				
General Hygiene Considerations		Handle in accordance Wash hands before bi				afety practice
Engineering measures		Heat only in areas wi appropriate exhaust v			lation.	Provide
Exposure limit(s)						
Components	Value	Exposure tin	ne	Exposure ty	pe	List:
Titanium dioxide	10 mg/m3	Time Weighted A (TWA):	Average			ACGIH
	15 mg/m3	PEL:		Total dust	•	OSHA Z1
	9. PHYSI	CAL AND CHEMI	CAL PRO	PERTIES		
F	1.	• 1	Б		N T (
Form Appearance	: liqui	id, Viscous liquid		ration rate ic Gravity:		established determined
rippeurunee		ersion	Speen	le Gluvity.	. 1100	determined
Color	: OR/	ANGE	Bulk d	ensity	: Not	applicable
Odor		: Very faint		Vapor pressure : Not determined		
Melting point/range		: Not applicable		r density		vier than air.
Boiling Point: Water solubility		applicable niscible	pН		: Not	determined
5						
	10.	STABILITY AND I	REACTIV	/ITY		
Stability	: 5	Stable.				
Stability		Will not occur.				
Hazardous Polymerization	n : V	will not occur.				
·	: H	Keep away from oxid lecomposition, do no			e. To a	woid thermal

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Incompatible Materials	: Incompatible	e with strong acids and o	oxidizing agents.		
Hazardous decomposition products			oxide (CO), oxides of nitrogen nd smoke are all possible.		
	11. TOXICOLO	GICAL INFORMATIO	ON		
This mixture has not been health data for the individ			ure effects listed are based on exis		
<u>Toxicity Overview</u> This product contains the	following components v	which in their pure form	have the following characteristic		
CAS-No.	Chemical Name	Effect	Target Organ		
	Fitanium dioxide	Systemic effects	Respiratory system.		
	12. ECOLOGI	CAL INFORMATION	I		
Persistence and degradab	ility : Not readily l	biodegradable.			
Environmental Toxicity	: Environmen whole.	: Environmental toxicity has not been established for this mixture as a whole.			
Bioaccumulation Potentia	ıl : No data avai	: No data available			
Additional advice	: No data avai	lable			
	13. DISPOSAI	L 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.		esponsibility for proper waste posal in accordance with		
Contaminated packaging	has the respo	onsibility for proper was in accordance with app	e. The generator of waste materia te classification, transportation licable federal, state/provincial		
	14. TRANSPO	ORT INFORMATION			
U.S. DOT Classification	: Refer to spec	cific regulation.			
ICAO/IATA (air)	: Refer to spec	cific regulation.			
IMO / IMDG (maritime)	: Refer to spec	cific regulation.			

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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 ex Inventory.	empt from th	e TSCA
US. EPA CERCLA Hazardous	Subs	stances (40 CFR 302)		
Not applicable				
California Proposition 65	:	Not applicable		
SARA Title III Section 302 Ext Not applicable	trem	ely Hazardous Substance		
SARA Title III Section 313 To:	xic C	Themicals:		
Not applicable Canadian Regulations:				
National Pollutant Relea	se Ir	nventory (NPRI)		
Not applicable				
WHMIS Classification	:	Not controlled.		
DSL	:	All components of this product are on the Canad Substances List (DSL) or are exempt.	ian Domestic	•
National Inventories:				
Australia AICS	:	Listed		
China IECS	:	Listed		
Europe EINECS	:	Listed		
Japan ENCS	:	Listed		
Korea KECI	:	Listed		
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 when used in combination with any other materials and/or in any particular process or processing conditions.