MATERIAL SAFETY DATA SHEET STAN-TONE HCC-30867 RED 485

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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-30867 RED 485
Product code	:	FO20017013
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight %
Iron oxide	1309-37-1	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.		

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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 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	 No data available No data available Not applicable Carbon dioxide blanket, Water spray, Dry powder, Foam.
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	: 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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Storage		Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.					
8. F	EXPOSURE	CONTROLS / PERSONAL	PROTECTION				
Respiratory protection	: L	Under normal handling conditions a respirator may not be required.					
Eye/Face Protection	: S	Safety glasses with side-shields					
Hand protection	: P	Protective gloves					
Skin and body protection	: L	ong sleeved clothing					
Additional Protective Measures	: S	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:			
Iron oxide	5 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	ACGIH			
	10 mg/m3	PEL:	Fume.	OSHA Z1			
	5 mg/m3	Time Weighted Average (TWA):	as Fe	MX OEL			
	10 mg/m3	Short Term Exposure Limit (STEL):	as Fe	MX OEL			

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid	Evaporation rate	: Not established
Appearance	: liquid, Viscous liquid dispersion	Specific Gravity	: Not determined
Color	: RED	Bulk density	: Not applicable
Odour	: Very faint	Vapour pressure	: Not determined
Melting point/range	: Not applicable	Vapour density	: Heavier than air.
Boiling Point:	: Not applicable	pH	: Not determined
Water solubility	: Immiscible		
	10. STABILITY AND	RFACTIVITY	
Stability	: Stable.		
Hazardous Polymerization	: Will not occur.		

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Conditions to avoid	:		om oxidizing agents an 1, do not overheat.	d open flame. To avoid therma
Incompatible Materials	:	Incompatible	with strong acids and o	xidizing agents.
Hazardous decomposition products:Carbon dioxide (CO2), carbon monoxide (CO), or (NOx), other hazardous materials, and smoke are				
	11. '	TOXICOLOG	ICAL INFORMATIC	DN
health data for the indiv Toxicity Overview	vidual compo	onents which co	mprise the mixture.	re effects listed are based on ex have the following characteristi
CAS-No.	Cherr	nical Name	Effect	Target Organ
1309-37-1	Iron oxide		Systemic effects	Respiratory system.
	12	2. ECOLOGIC	AL INFORMATION	
Environmental Toxicity Bioaccumulation Poten		Environmenta whole. No data availa	·	established for this mixture as a
Additional advice	:	No data availa	ıble	
	1	3. DISPOSAL	CONSIDERATIONS	
Product	:	Where possibl	1. 1	
		generator of w classification,	vaste material has the re	to disposal or incineration. The esponsibility for proper waste posal in accordance with ad local regulations.
Contaminated packagin	ıg :	generator of w classification, applicable fed Recycling is p has the respon	vaste material has the re- transportation and disp eral, state/provincial ar referred when possible isibility for proper wast n accordance with appl	esponsibility for proper waste posal in accordance with nd local regulations.
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	15. REGULATORY IN	FORMATION	
US Regulations:			
OSHA Status	: Classified as hazardo	us based on compon	ents.
TSCA Status	: All components of th Inventory.	is product are listed o	on or exempt from the TSCA
US. EPA CERCLA Hazardous	Substances (40 CFR 302)		
Not applicable			
California Proposition 65	: Not applicable		
SARA Title III Section 302 Ext			
SARA Title III Section 302 Ext Unless specific chemicals are io			Applicable under this regulat
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	lentified under this section		Applicable under this regulat
Unless specific chemicals are in SARA Title III Section 313 To: Unless specific chemicals are in	dentified under this section xic Chemicals:	, this product is Not A	Applicable under this regulat
Unless specific chemicals are in SARA Title III Section 313 To: Unless specific chemicals are in Chemical Name	dentified under this section xic Chemicals: dentified under this section	, this product is Not 2 , this product is Not 2 CAS-No.	Applicable under this regulat Weight %
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Unless specific chemicals are in SARA Title III Section 313 To: Unless specific chemicals are in Chemical Name BARIUM COMPOUNDS [E] Canadian Regulations:	dentified under this section xic Chemicals: dentified under this section XCEPT BASO4]	, this product is Not 2 , this product is Not 2 CAS-No.	Applicable under this regulat Weight %
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Unless specific chemicals are id SARA Title III Section 313 To: Unless specific chemicals are id Chemical Name BARIUM COMPOUNDS [E] Canadian Regulations: National Pollutant Relea	dentified under this section xic Chemicals: dentified under this section XCEPT BASO4]	, this product is Not 2 , this product is Not 2 CAS-No.	Applicable under this regulat Weight %
Unless specific chemicals are id SARA Title III Section 313 To: Unless specific chemicals are id Chemical Name BARIUM COMPOUNDS [E Canadian Regulations: National Pollutant Relea Not applicable	dentified under this section xic Chemicals: <u>dentified under this section</u> <u>EXCEPT BASO4]</u> use Inventory (NPRI) : Not controlled.	, this product is Not A , this product is Not A CAS-No. 7585-41-3 nis product are on the	Applicable under this regulat Weight %
Unless specific chemicals are id SARA Title III Section 313 Tor Unless specific chemicals are id Chemical Name BARIUM COMPOUNDS [E] Canadian Regulations: National Pollutant Relea Not applicable WHMIS Classification	dentified under this section xic Chemicals: <u>dentified under this section</u> <u>EXCEPT BASO4]</u> use Inventory (NPRI) : Not controlled. : All components of th	, this product is Not A , this product is Not A CAS-No. 7585-41-3 nis product are on the	Applicable under this regulat Weight % 10.00 - 30.00
Unless specific chemicals are id SARA Title III Section 313 To: Unless specific chemicals are id Chemical Name BARIUM COMPOUNDS [E] Canadian Regulations: National Pollutant Relea Not applicable WHMIS Classification DSL	dentified under this section xic Chemicals: <u>dentified under this section</u> <u>EXCEPT BASO4]</u> use Inventory (NPRI) : Not controlled. : All components of th	, this product is Not A , this product is Not A CAS-No. 7585-41-3 nis product are on the	Applicable under this regulat Weight % 10.00 - 30.00

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Europe EINECS	:	Listed
Japan ENCS	:	Listed
Korea KECI	:	Listed
Philippines PICCS	:	Listed

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.