### MATERIAL SAFETY DATA SHEET STAN-TONE HCC-29734 RED

Version Number 1.0 Revision Date 11/10/2004

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

#### POLYONE CORPORATION 8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone Emergency telephone number	:	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-29734 RED
Product code	:	FO20010260
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	60 - 100

#### **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	<ul> <li>No data available</li> <li>No data available</li> <li>Not applicable</li> <li>Carbon dioxide blanket, water spray, dry powder, foam.</li> </ul>
Special Fire Fighting Procedures Unusual Fire/Explosion	<ul> <li>Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.</li> <li>Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOr), other becarders metarials and smalle are all previous.</li> </ul>
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 and tightly and contamination. Store in a c		absorption
8. E	XPOSURE	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	: I	Long sleeved clothing.		
Additional Protective Measures	: 5	Safety shoes.		
General Hygiene Considerations	: Handle in accordance with good industrial hygiene and safety pr Wash hands before breaks and at the end of workday.			afety practice
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):	Dust and fume. as Fe	ACGIH
	9. PHYSI	CAL AND CHEMICAL PRO	<b>DPERTIES</b>	
Form Appearance		1		established determined
	disp		ie Gravity Not	determined
Color	disp : REI	persion	ensity : Not	applicable
Odor	: REI : Ver	version D Bulk d y faint Vapor	lensity : Not pressure : Not	applicable determined
Odor Melting point/range	: REI : Ver : Not	ersion D Bulk d y faint Vapor applicable Vapou	lensity : Not pressure : Not r density : Hear	applicable determined vier than air.
Odor	: REI : Ver : Not : Not	version D Bulk d y faint Vapor	lensity : Not pressure : Not r density : Hear	applicable determined
Odor Melting point/range Boiling Point:	: REI : Ver : Not : Not : Imn	ersion D Bulk d y faint Vapor applicable Vapou applicable pH	lensity : Not pressure : Not r density : Hea : Not	applicable determined vier than air.
Odor Melting point/range Boiling Point:	: REI : Very : Not : Not : Imn 10.	ersion D Bulk d y faint Vapor applicable Vapou applicable pH niscible	lensity : Not pressure : Not r density : Hea : Not	applicable determined vier than air.
Odor Melting point/range Boiling Point: Water solubility	: REI : Ver : Not : Not : Imn 10.	ersion D Bulk d y faint Vapor applicable Vapou applicable pH niscible STABILITY AND REACTIV	lensity : Not pressure : Not r density : Hea : Not	applicable determined vier than air.
Odor Melting point/range Boiling Point: Water solubility Stability	: REI : Very : Not : Not : Imm 10. ( : S	ersion D Bulk d y faint Vapor applicable Vapou applicable pH niscible STABILITY AND REACTIV Stable.	lensity : Not pressure : Not r density : Hea : Not /ITY	applicable determined vier than air. determined

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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
1309-37-1	Iron oxide	Systemic effects	Respiratory system.

Persistence and degradability	: Not readily biodegradable.
Environmental Toxicity	: Environmental toxicity has not been established for this mixture as a whole.
Bioaccumulation Potential	: No data available
Additional advice	: No data available
	13. DISPOSAL CONSIDERATIONS
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 applicable federal, state/provincial and local regulations.
Contaminated packaging	: Recycling is preferred when possible. The generator of waste materia has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
	14. TRANSPORT INFORMATION
U.S. DOT Classification	: Refer to specific regulation.
ICAO/IATA (air)	: Refer to specific regulation.
IMO / IMDG (maritime)	: Refer to specific regulation.
	15. REGULATORY INFORMATION
US Regulations:	

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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	
California Proposition 65	: This product does not contain a substance listed by California Prop 65
SARA Title III Section 302 Ext Not applicable	remely Hazardous Substance
SARA Title III Section 313 Tox	ic Chemicals:
Not applicable Canadian Regulations:	
National Pollutant Releas	e Inventory (NPRI)
Not applicable	
WHMIS Classification	: Not controlled.
DSL	: All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.
National Inventories:	
Australia AICS	: Not determined
China IECS	: Not determined
Europe EINECS	: Listed
Japan ENCS	: Not determined
Korea KECI	: Not determined
Philippines PICCS	: Not determined
	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.