## MATERIAL SAFETY DATA SHEET STAN-TONE HCC-31775 RED

Version Number 1.0 Revision Date 09/24/2009 Page 1 of 6 Print Date 1/9/2012

#### 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-31775 RED
Product code	:	FO20022983
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

### 2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight percent
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

<b>Routes of Exposure:</b>	: 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 and 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.

PolyOne.

# MATERIAL SAFETY DATA SHEET **STAN-TONE HCC-31775 RED**

Version Number 1.0 Revision Date 09/24/2009 Page 2 of 6 Print Date 1/9/2012

	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 seek 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	<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> <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 (NOx), other hazardous materials, and smoke are all possible.</li> </ul>
	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.

<u>PolyOne</u>

## MATERIAL SAFETY DATA SHEET **STAN-TONE HCC-31775 RED**

Version Number 1.0 Revision Date 09/24/2009 Page 3 of 6 Print Date 1/9/2012

Storage	:	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.
8. EX	POSUI	RE 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:
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
Colour	: 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 H	REACTIVITY	
Stability	: Stable		

PolyOne.

# MATERIAL SAFETY DATA SHEET **STAN-TONE HCC-31775 RED**

ision Date 09/24/2009			Page / Print Date 1/9/2
Conditions to avoid		from oxidizing agents an ion, do not overheat.	nd open flame. To avoid thermal
Incompatible Materials	: Incompatib	le with strong acids and	oxidizing agents.
Hazardous decomposition products			oxide (CO), oxides of nitrogen nd smoke are all possible.
	11. TOXICOLO	GICAL INFORMATI	ON
health data for the individ	dual components which	comprise the mixture.	ure effects listed are based on ex have the following characteristi
CAS-No.	Chemical Name	Effect	Target Organ
	Iron oxide	Systemic effects	Respiratory system.
	12 ECOLOC	ICAL INFORMATION	Ţ
Environmental Torrigity	Environme	ntal tarriaity has not have	actablished for this minture as a
Environmental Toxicity Bioaccumulation Potentia	whole. al : no data ava	ilable	established for this mixture as a
	whole. al : no data ava : no data ava	ilable	
Bioaccumulation Potentia	whole. al : no data ava : no data ava	ilable	
Bioaccumulation Potentia	whole. al : no data ava : no data ava 13. DISPOSA : Where poss generator of classificatio applicable f : Recycling i material has transportatio	ilable ilable <b>L CONSIDERATIONS</b> sible recycling is preferre f waste material has the r on, transportation and dis federal, state/provincial a s preferred when possibl s the responsibility for p	d to disposal or incineration. The esponsibility for proper waste posal in accordance with nd local regulations. e. The generator of waste oper waste classification, lance with applicable federal,
Bioaccumulation Potentia Additional advice Product	whole. al : no data ava : no data ava <b>13. DISPOSA</b> : Where poss generator of classification applicable f : Recycling i material has transportation state/provin	ilable ilable <b>L CONSIDERATIONS</b> sible recycling is preferred f waste material has the r on, transportation and dis federal, state/provincial a s preferred when possibl s the responsibility for pr on and disposal in accord	d to disposal or incineration. The responsibility for proper waste posal in accordance with nd local regulations. e. The generator of waste oper waste classification, lance with applicable federal, s.
Bioaccumulation Potentia Additional advice Product	whole. al : no data ava : no data ava <b>13. DISPOSA</b> : Where poss generator of classificatio applicable f : Recycling i material has transportati- state/provin <b>14. TRANSP</b>	ilable ilable <b>L CONSIDERATIONS</b> sible recycling is preferre f waste material has the r on, transportation and dis federal, state/provincial a s preferred when possibl s the responsibility for pr on and disposal in accord acial and local regulation	d to disposal or incineration. The responsibility for proper waste posal in accordance with nd local regulations. e. The generator of waste oper waste classification, lance with applicable federal, s.
Bioaccumulation Potentia Additional advice Product Contaminated packaging	whole. al : no data ava : no data ava <b>13. DISPOSA</b> : Where poss generator of classificatio applicable f : Recycling i material has transportati state/provin <b>14. TRANSP</b> : Refer to spe	ilable ilable <b>L CONSIDERATIONS</b> sible recycling is preferre f waste material has the r on, transportation and dis federal, state/provincial a s preferred when possibl s the responsibility for pr on and disposal in accord acial and local regulation <b>ORT INFORMATION</b>	d to disposal or incineration. The responsibility for proper waste posal in accordance with nd local regulations. e. The generator of waste oper waste classification, lance with applicable federal, s.

<u>PolyOne</u>

## MATERIAL SAFETY DATA SHEET **STAN-TONE HCC-31775 RED**

Version Number 1.0 Revision Date 09/24/2009

### Page 5 of 6 Print Date 1/9/2012

	15. REGULATORY INFORMATION
US Regulations:	
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	: Not applicable
SARA Title III Section 302 Ext	remely Hazardous Substance
Unless specific chemicals are in	lentified under this section, this product is Not Applicable under this regulation
SARA Title III Section 313 To:	tic Chemicals:
Unless specific chemicals are id	lentified under this section, this product is Not Applicable under this regulation
Canadian Regulations:	
National Pollutant Relea	se 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	: Listed
China IECS	: Listed

## MATERIAL SAFETY DATA SHEET **STAN-TONE HCC-31775 RED**

Version Number 1.0 Revision Date 09/24/2009 Page 6 of 6 Print Date 1/9/2012

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.