

# PolyOne Corporation

## MATERIAL SAFETY DATA SHEET

IDENTITY: Stan-Tone® HCC-12202 Brown

### SECTION I - Preparation / Product Information

#### MANUFACTURED FOR AND SUPPLIED BY

PolyOne Corporation  
1675 Navarre Road  
Massillon, OH 44646

TELEPHONE NO: (330) 837-8679  
DATE PREPARED: June 10, 1998  
PREPARER: Environmental, Health & Safety Dept.  
PRODUCT USE: Colorant  
DATE PRINTED: February 3, 2000

### SECTION II - Ingredients / Identity Information

COMPONENTS		EXPOSURE LIMITS PEL / TLV / OTHER	TOXICITY LD50 / LC50	AMT %
CHEMICAL IDENTITY	CAS # / UN #			
Iron Oxide CI Pigment Brown 6	52357-70-7	Not Established	LD50 rat/oral > 10g/kg	60-70
1,2 Benzenedicarboxylic acid, di-C9-11 branched alkyl esters	68515-49-1	Not Established	LD50 rat/oral > 64,000 mg/kg	20-30
Epoxidized Soybean Oil	8013-07-8	* 15 mg/m <sup>3</sup> * 10 mg/m <sup>3</sup> ** 5 mg/m <sup>3</sup>		5-10
*PEL & TLV for vegetable oil mist, total particulate. **PEL for vegetable oil mist, respirable fraction.				
Carbon Black CI Pigment 7	1333-86-4	3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup>		1-5
Proprietary Component	Proprietary	Not Established	LD50 rat/oral > 5,000 mg/kg	.1-1

### SECTION III - Physical / Chemical Characteristics

BOILING POINT:	Not Applicable	SPECIFIC GRAVITY (H <sub>2</sub> O=1):	2.06(calc.)
FREEZING POINT:	Not Applicable	pH:	Not Applicable
VAPOR PRESSURE (mm Hg):	Not Applicable	ODOR THRESHOLD (ppm):	Not Determined
VAPOR DENSITY (AIR=1):	Not Applicable	COEF. WATER / OIL DIST.:	Not Applicable
SOLUBILITY IN WATER:	Not Soluble	EVAPORATION RATE:	Not Applicable
APPEARANCE (PHYSICAL STATE) AND ODOR:		Paste; Brown Odor; Slight	

MARKETED BY

**HARWICK STANDARD**  
**DISTRIBUTION CORPORATION**  
60 S. Seiberling Street • Akron, Ohio 44305

<b>SECTION IV - Fire and Explosion Hazard Data</b>
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**FLASH POINT (Method):** Not Applicable

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, chemical foam, water and dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing. Water spray may be ineffective.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** If burned, material could give off toxic fumes.

**HMIS RATING:** 1

**FLAMMABLE LIMITS** LEL: Not Applicable

UEL: Not Applicable

**AUTOIGNITION TEMPERATURE:** Not Applicable

**SENS. TO MECHANICAL IMPACT:** Not Applicable

**SENS. TO STATIC DISCHARGE:** Not Applicable

**HAZARDOUS COMBUSTION PRODUCTS:** CO<sub>x</sub>, organic acids, NO<sub>x</sub>, NH<sub>3</sub>

<b>SECTION V - Reactivity Data</b>
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**STABILITY**

Stable	X
Unstable	

**CONDITIONS TO AVOID (Condition of Reactivity):** Avoid excessive heat and ignition sources. Temps > 212oF

**INCOMPATIBILITY (Materials to Avoid):** Strong oxidizing agents, strong acids, strong alkalies

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** CO<sub>x</sub>, organic acids, NO<sub>x</sub>, NH<sub>3</sub>

**HAZARDOUS POLYMERIZATION**

May Occur:	
Will Not Occur:	X

**CONDITIONS TO AVOID:** None Known

**HMIS RATING:** 0

**SECTION VI - Health Hazard Data****PRIMARY ROUTE OF EXPOSURE**

Inhalation: Skin Contact: X  
Skin Absorption: Ingestion: Eye Contact: X

**HEALTH HAZARDS**

Acute: May cause eye, skin and/or respiratory tract irritation. Ingestion may cause severe irritation of the mouth, throat and stomach.

Chronic: Chronic inflammation, lung fibrosis and lung tumors were found in rats experimentally exposed for long periods of time to excessive concentrations of carbon black. Epidemiological studies of workers exposed to carbon black have shown no significant health effects due to occupational exposure.

CARCINOGENICITY: Carbon Black

NTP: No IARC: Yes, 2B(Known animal carcinogen, possible human carcinogen) OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: See health hazards listed above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

**WHMIS CLASSIFICATION**

Not Determined

HMIS RATING: 1\*

**SECTION VII - First Aid Measures****EMERGENCY AND FIRST AID PROCEDURES**

Inhalation: Move to fresh air.  
Ingestion: Consult a physician.  
Skin Contact: Wash with soap and water.  
Eye Contact: Flush with water for 15 minutes. If irritation persists, consult a physician.

**SECTION VIII - Precautions for Safe Handling and Use**

Steps to be taken in case material is released or spilled:  
Scoop, scrape or absorb material and place in a suitable container for disposal. Clean surface area to avoid slip or fall hazards. Do not flush into sewer or waterway.

Waste Disposal Method:  
In accordance with all Federal, State and Local regulations. Refer to Section X.

Precautions to be taken in handling and storing:  
Avoid contamination of this material by other materials. Avoid excessive heat and sources of ignition. Avoid contact with eyes, skin and clothing.

**SECTION IX - Control Measures**

**Respiratory Protection:** (Specify Type)  
A NIOSH/MSHA approved respirator above PEL or TLV as necessary.

**VENTILATION**

**Local Exhaust:** Recommended to minimize exposure.

**Mechanical (General):** Recommended to minimize exposure.

**PROTECTIVE GLOVES:** Impervious

**EYE PROTECTION:** Safety glasses recommended

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station is recommended. If product is hot, wear protective clothing that covers all skin areas (e.g., long sleeve shirt).

**WORK/HYGIENIC PRACTICES:** Wash thoroughly after handling. Launder contaminated clothing before reuse.

**SECTION X - Additional Information**

**SPECIAL SHIPPING INFORMATION:** Not Available

**TSCA INVENTORY STATUS:** Chemical component(s) are listed on the TSCA Inventory.

**SARA TITLE III:**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None Known

**RCRA STATUS:**

The following chemical component(s) are listed or may be characteristically hazardous under (40 CFR 261):

None Known

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.