

**MATERIAL SAFETY DATA SHEET**

IDENTITY: Stan-Tone® MB or MC-19801 Medium Dark Neutral

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**SECTION I - Preparation/Product Information**  
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MANUFACTURED FOR AND SUPPLIED BY:	TELEPHONE NO.: (330) 837-8679
PolyOne Corporation 1675 Navarre Road Massillon, OH 44646	DATE PREPARED: June 25, 1996
	PREPARER: Health, Safety, & Environment
	PRODUCT USE: Colorant
	DATE PRINTED: July 2, 2002

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**SECTION II - Ingredients/Identity Information**  
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COMPONENTS CHEMICAL IDENTITY/CAS#/UN#	EXPOSURE LIMITS			TOXICITY LD50/LC50	AMOUNT %
	PEL	TLV	OTHER		
Styrene-Butadiene Rubber CAS #9003-55-8	Not Established				30-40
Carbon Black CAS #1333-86-4	3.5mg/m3	3.5mg/m3			1-5
Titanium Dioxide CAS #13463-67-7 Containing Hydrated alumina; CAS #21645-51-2	*10mg/m3 **5mg/m3	*10mg/m3		LD50 rat/oral >24,000 mg/kg	30-40
*PEL & TLV for total nuisance dust. Not likely in product form. **PEL for respirable dust. Not likely in product form.					
Iron Oxide CI Pigment Yellow 42, CI #77492 CAS #51274-00-1	*10mg/m3 **10mg/m3	*5mg/m3		LD50 rat/oral >10,000 mg/kg	20-30
Iron Oxide CI Pigment Red 101, CI #77491 CAS #1309-37-1	*10mg/m3 **10mg/m3	*5mg/m3		LD50 rat/oral >10,000 mg/kg	5-10
*PEL & TLV for Iron Oxide fume. Not likely under normally accepted usages. **PEL for Iron Oxide dust. Not likely in product form.					

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

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SECTION III - Physical/Chemical Characteristics  
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BOILING POINT: Not Applicable	SPECIFIC GRAVITY (H2O=1): 1.79 (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 Determined
SOLUBILITY IN WATER: Not Soluble	EVAPORATION RATE: Not Applicable
APPEARANCE (PHYSICAL STATE) AND ODOR: Solid; Brown Odor; Slight	

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SECTION IV - Fire and Explosion Hazard Data  
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FLASH POINT (Method): Not Applicable

EXTINGUISHING MEDIA: Water, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heavy dense smoke is generated during burning. Emits acrid fumes if exposed to flame. Toxic gases will form upon combustion.

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>, aromatic aliphatic hydrocarbons

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SECTION V - Reactivity Data  
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STABILITY  
STABLE: X  
UNSTABLE:

CONDITIONS TO AVOID (Cond. of Reactivity): Excessive frictional heat during processing may cause fire. Temperatures >600oC.

INCOMPATIBILITY (Materials to Avoid): None known

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO<sub>x</sub>, small amounts of aromatic aliphatic hydrocarbons.

HAZARDOUS POLYMERIZATION  
MAY OCCUR:  
WILL NOT OCCUR: X

CONDITIONS TO AVOID: None known

HMIS RATING: 0

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SECTION VI - Health Hazard Data  
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PRIMARY ROUTES OF EXPOSURE

INHALATION: X                                      SKIN CONTACT: X  
SKIN ABSORPTION:                                      INGESTION:                                      EYE CONTACT:

HEALTH HAZARDS

ACUTE: Exposure of fumes during hot processing can cause irritation to the eyes and respiratory tract. Prolonged or repeated contact may cause skin irritation.

CHRONIC: Studies indicate extended exposure to hot rubber compound fumes may cause some loss of lung capacity. Prolonged and repeated contact with skin may cause irritation. 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/possible human)      OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: See health hazards above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

OECD TEST VALUES FOR:

IRRITANCY: Not Determined                                      REPRODUCTIVE TOXICITY: Not Determined  
SENSITIZATION: Not Determined                                      TERATOGENICITY: Not Determined  
MUTAGENICITY: Not Determined

SYNERGISTIC PRODUCTS: Not Determined

HMIS RATING: 1\*

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SECTION VII - First Aid Measures  
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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.

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SECTION VIII - Precautions for Safe Handling and Use  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Place in a suitable container for reuse or disposal. Do not flush into public sewer or water system.

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 contact with eyes, skin, and clothing. Store away from sources of direct heat and light.

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SECTION IX - Control Measures  
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RESPIRATORY PROTECTION: (Specify Type)

A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for hot rubber fumes.

VENTILATION

LOCAL EXHAUST: Recommended to minimize exposure.

MECHANICAL (General): Recommended to minimize exposure.

PROTECTIVE GLOVES: Impervious

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGENIC PRACTICES: Wash thoroughly after handling. Observe good personal and industrial hygiene practices.

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SECTION X - Additional Information  
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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 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.