

# PolyOne Corporation

## MATERIAL SAFETY DATA SHEET

IDENTITY: Mastermix ZMBT 4848 MB

### 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: March 20, 2001  
PREPARER: Environmental, Health & Safety Dept.  
PRODUCT USE: Colorant  
DATE PRINTED: July 3, 2002

### SECTION II - Ingredients / Identity Information

| COMPONENTS   |              | EXPOSURE LIMITS  | TOXICITY                      |
|--|--------------|--|-------------------------------|
| CHEMICAL IDENTITY  | CAS # / UN # | PEL / TLV / OTHER  | LD50 / LC50                   |
| Ethylene-Propylene Copolymer   | 9010-79-1    | * 15 mg/m <sup>3</sup> * 10 mg/m <sup>3</sup><br>** 5 mg/m <sup>3</sup> ** 3 mg/m <sup>3</sup> |                               |
| *PEL & TLV for total nuisance dust. **PEL & TLV for respirable dust. |              |  |                               |
| Zinc 2-Mercaptobenzothiazole   | 155-04-4     | * 15 mg/m <sup>3</sup> * 10 mg/m <sup>3</sup><br>** 5 mg/m <sup>3</sup> ** 3 mg/m <sup>3</sup> | LD50 rat/oral<br>> 5000 mg/kg |
| *PEL & TLV for total dust, **PEL for respirable dust                 |              |  |                               |
| Zinc content   | 7440-66-6    | Not Established  |                               |

Ingredients not precisely identified are proprietary or non-hazardous.

### SECTION III - Physical / Chemical Characteristics

|                                       |                |  |                |
|---------------------------------------|----------------|--|----------------|
| BOILING POINT:                        | Not Applicable | SPECIFIC GRAVITY (H <sub>2</sub> O = 1): | 1.33 (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: |                | Solid; Off-White<br>Odor; Slight         |                |

### SECTION IV - Fire and Explosion Hazard Data

FLASH POINT (Method): Not Applicable

EXTINGUISHING MEDIA: Water, Chemical Foam, Dry Chemical, CO<sub>2</sub>

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HMIS RATING: 1

MARKETED BY

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

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: COx, smoke, NOx, SOx

SECTION V - Reactivity Data

STABILITY

Stable X  
Unstable

CONDITIONS TO AVOID (Condition of Reactivity): Excessive heat > 250C

INCOMPATIBILITY (Materials to Avoid): Acids, strong oxidizers and nitrosating agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: COx, NOx, SOx, flammable hydrocarbons and irritating smoke.

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:  
Skin Absorption: Ingestion: Eye Contact: X

HEALTH HAZARDS

Acute: May cause eye, skin and/or respiratory tract irritation. May cause allergic skin reactions

Chronic: None Known

CARCINOGEN:

NTP: No IARC: No OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: None Known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

WHMIS CLASSIFICATION

Not Determined

HMIS RATING:

**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:  
Pick or scoop up and place in suitable container for disposal

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

Precautions to be taken in handling and storing:  
Keep away from excessive heat and open flame. 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

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station

**WORK/HYGIENIC PRACTICES:** Wash thoroughly after handling

**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:

|   |        |
|---|--------|
| Zinc 2-Mercaptobenzothiazole (Zinc Compounds) | 70-80% |
| Zinc contont (Zinc Compounds)                 | 1-5%   |

**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.