

MATERIAL SAFETY DATA SHEET

IDENTITY: Mastermix Lead Carbonate 4391 Slab

SECTION I - Preparation/Product Information

MANUFACTURED FOR AND SUPPLIED BY: PolyOne Corporation
TELEPHONE NUMBER: (330) 837-8679
DATE PREPARED: February 13, 1996
PREPARER: Health, Safety & Environment
PRODUCT USE: Rubber Additive
DATE PRINTED: June 10, 1999

SECTION II - Ingredients/Identity Information

Table with 4 columns: COMPONENTS, EXPOSURE LIMITS (PEL, TLV, OTHER), TOXICITY (LD50/LC50), and AMOUNT (%). Rows include Butadiene-Acrylonitrile Copolymer and Lead Carbonate (as Pb).

SECTION III - Physical/Chemical Characteristics

BOILING POINT: Not Applicable
FREEZING POINT: Not Applicable
VAPOR PRESSURE (mm Hg): Not Applicable
VAPOR DENSITY (AIR=1): Not Applicable
SOLUBILITY IN WATER: Not Soluble
APPEARANCE (PHYSICAL STATE) AND ODOR: Solid; White Odor; Slight
SPECIFIC GRAVITY (H2O=1): 2.33 (calc.)
pH: Not Applicable
ODOR THRESHOLD (ppm): Not Determined
COEF. WATER/OIL DIST.: Not Applicable
EVAPORATION RATE: Not Applicable

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SECTION IV - Fire and Explosion Hazard Data

FLASH POINT (Method): Not Applicable

EXTINGUISHING MEDIA: Water

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: When exposed to flame, emits acrid 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_x, PbO_x, HCN

SECTION V - Reactivity Data

STABILITY
STABLE: X
UNSTABLE:

CONDITIONS TO AVOID (Cond. of Reactivity): Do not heat in the presence of Al, Na, and Ti.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO_x, PbO_x, HCN

HAZARDOUS POLYMERIZATION
MAY OCCUR:
WILL NOT OCCUR: X

CONDITIONS TO AVOID: None known

HMIS RATING: 0

S E C T I O N VI - Health Hazard Data

PRIMARY ROUTES OF EXPOSURE

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

HEALTH HAZARDS

ACUTE: Contact with skin and eyes may cause irritation.

CHRONIC: Prolonged overexposure may cause lead poisoning involving delayed effects in the blood, gastrointestinal, nervous and reproductive systems.

LEAD: Consult the most recent OSHA Lead Standard (29 CFR 1910.1025) and its attachments, appendices, etc. for full requirements, some of which are not covered in this Material Safety Data Sheet.

CARCINOGENICITY:

NTP: No IARC: No OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: See health hazards above. Early symptoms of lead poisoning are fatigue, disturbance of sleep and constipation, with more severe exposure resulting in colic, anemia and neuritis.

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*

S E C T I O N 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: Place in a suitable container for reuse or 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: Avoid contact with eyes, skin and clothing. Do not inhale. Keep container closed. Keep away from food and feed products. Keep away from excessive heat and open flame.

SECTION IX - Control Measures

RESPIRATORY PROTECTION: (Specify Type)
A NIOSH/MSHA approved respirator above PEL or TLV, or 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/HYGENIC 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:

Lead Carbonate (Lead Compound) 60-70%
CAS #1319-46-6

RCRA STATUS:
The following chemical component(s) are listed under (40 CFR 261):

Lead (Ref. 261.24) D008

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.