



# Material Safety Data Sheet

**CHEMTREC**  
**Transportation**  
**Emergency Phone: 800-**  
**424-9300**

**Pittsburgh Poison**  
**Control Center**  
**Health Emergency No.: 412-681-6669**

•NOTE: The CHEMTREC  
•Transportation Emergency Phone is  
•to be used only in the event of  
•chemical emergencies involving a  
•spill, leak, fire, exposure or accident  
•involving chemicals

## Section 1 - Chemical Product / Company Information

**Product Name:** MIO FILLER

**Revision**  
**Date:** 08/24/2012

**Identification**  
**Number:** PLMSDS 4404C1NL

**Supersedes :** 03/02/2009

**Product**  
**Use/Class:** Filler for Epoxy Polyamide  
Coating - FOR INDUSTRIAL  
USE ONLY

**Preparer:** Regulatory, Department

**Manufacturer:** Carboline Company  
2150 Schuetz Road  
St. Louis, MO 63146  
(800) 848-4645

## Section 2 - Composition / Information On Ingredients

No hazardous components exist in this product

## Section 3 - Hazards Identification

**Emergency Overview:** Hazard warning not required.

**Effects Of Overexposure - Eye Contact:** Can cause eye irritation.

**Effects Of Overexposure - Skin Contact:** May cause skin irritation.

**Effects Of Overexposure - Inhalation:** ACUTE: Product will act as a nuisance dust. Inhalation of high concentrations of dust may cause coughing and mild, transitory respiratory irritation. May cause slight to moderate irritation of mucous membranes.

**Effects Of Overexposure - Ingestion:** Under normal use conditions, this product is not expected to cause adverse health effects. Ingestion of this material is unlikely.

**Effects Of Overexposure - Chronic Hazards:** Long term dust inhalation in excess of the PEL or TLV may decrease the ability of the lungs to clear particulate matter which may cause shortness of breath and increased susceptibility to respiratory disease.

**Primary Route(s) Of Entry:** Skin Contact, Inhalation, Eye Contact

**Medical Conditions Prone to Aggravation by Exposure:** If you have a condition that could be aggravated by exposure to dust or organic vapors, see a physician prior to use.

## Section 4 - First Aid Measures

**First Aid - Eye Contact:** Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

**First Aid - Skin Contact:** Wash skin thoroughly with soap and water.

**First Aid - Inhalation:** If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

**First Aid - Ingestion:** If ingested, consult a physician.

## Section 5 - Fire Fighting Measures

**Flash Point, F:** N/A  
(N/A)

**Lower Explosive Limit, %:** N/A  
**Upper Explosive Limit, %:** N/A

**Extinguishing Media:**

**Unusual Fire And Explosion Hazards:** None known.

**Special Firefighting Procedures:** Use a self-contained breathing apparatus (SCBA) in a sustained fire.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Dispose of material in accordance with all federal, state, and local regulations. Use personal protective equipment as necessary.

## Section 7 - Handling And Storage

**Handling:** Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**Storage:** Keep Dry. Keep containers closed when not in use. Store in a cool, dry place with adequate ventilation.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** General ventilation should be provided to maintain ambient concentrations below nuisance levels.

**Respiratory Protection:** Wear appropriate NIOSH approved respirator when dusting cannot be controlled.

**Skin Protection:** Wear protective gloves, as needed, to prevent skin contact.

**Eye Protection:** Recommend safety glasses with side shields or chemical goggles to avoid eye contact.

**Other protective equipment:** Under dusty conditions, employees should wear coveralls or other suitable work clothing. Contaminated clothing must be vacuumed before removal. DO NOT remove dust from clothing by blowing or shaking.

**Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practices. These practices include: avoiding unnecessary exposures to dusts and fibers by using good local exhaust ventilation; removal of the material from the skin and eyes after exposure; removal of material from clothing (Use vacuum equipment to remove fibers and dusts from clothing. Compressed air should never be used. Always wash contaminated work clothes separately from other laundry and wipe out washer / sink to prevent loose fibers from getting on other articles); keep the work area clean of dusts and fibers generated during fabrication (Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air.) and; have access to safety showers and eye wash stations.

## Section 9 - Physical And Chemical Properties

<b>Boiling Range:</b>	N/A - N/A	<b>Vapor Density:</b>	N/A
<b>Odor:</b>	Odourless	<b>Odor Threshold:</b>	N/D
<b>Appearance:</b>	Grey Powder with Metallic Sheen	<b>Evaporation Rate:</b>	N/A
<b>Solubility in H2O:</b>	Insoluble		
<b>Freeze Point:</b>	N/A	<b>Specific Gravity:</b>	4.8
<b>Vapor Pressure:</b>	N/A	<b>PH:</b>	N/D
<b>Physical State:</b>	Solid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** Keep Dry. Material becomes hard and unusable when exposed to water.

**Incompatibility:** Avoid contact with strong acids and oxidizable organic materials in the presence of heat.

**Hazardous Decomposition Products:** None are known.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## Section 11 - Toxicological Information

**Product LD50:** N/D

**Product LC50:** N/D

No Toxicological Information exists

## Section 12 - Ecological Information

**Ecological Information:** No data

### Section 13 - Disposal Information

**Disposal Information:** Dispose of in accordance with State, Local, and Federal Environmental regulations. Responsibility for proper waste disposal is with the owner of the waste.

### Section 14 - Transportation Information

<b>DOT Proper Shipping Name:</b>	Paint Powder, Not Regulated	<b>Packing Group:</b>	N/A
<b>DOT Technical Name:</b>	N/A	<b>Hazard Subclass:</b>	N/A
<b>DOT Hazard Class:</b>	None	<b>Resp. Guide Page:</b>	N/A
<b>DOT UN/NA Number:</b>	None		

**Additional Notes:** None.

### Section 15 - Regulatory Information

#### CERCLA - SARA HAZARD CATEGORY

This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

#### SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Section 313 Substances exist in this product

#### TOXIC SUBSTANCES CONTROL ACT

All components of this product are listed on the TSCA inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(B) Substances exist in this product

#### U.S. STATE REGULATIONS AS FOLLOWS:

#### NEW JERSEY RIGHT-TO-KNOW

The following materials are non-hazardous, but are among the top five components in this product.

Chemical Name

CAS Number

MICACEOUS IRON OXIDE

1317-60-8

## PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

Chemical Name  
MICACEOUS IRON OXIDE

CAS Number  
1317-60-8

## CALIFORNIA PROPOSITION 65

**Warning: The following ingredients present in the product are known to the state of California to cause Cancer:**

No California Proposition 65 Carcinogens exist

**Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:**

No California Proposition 65 Reproductive Toxins exist

## INTERNATIONAL REGULATIONS AS FOLLOWS:

### CANADIAN WHMIS

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** Not WHMIS Regulated

## Section 16 - Other Information

### HMIS Ratings

**Health:** 1

**Flammability:** 0

**Reactivity:** 0

**Personal Protection:** X

**VOLATILE ORGANIC COMPOUNDS, GR/LTR MIXED (UNTHINNED):** N/A

**REASON FOR REVISION:** Routine Update

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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