

PolyOne Corporation

MATERIAL SAFETY DATA SHEET

IDENTITY: Redimix 4197 MBTS 70

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:

August 3, 1999

PREPARER:

Environmental, Health & Safety Dept.

PRODUCT USE:

Colorant

DATE PRINTED:

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SECTION II - Ingredients / Identity Information

COMPONENTS		EXPOSURE LIMITS	TOXICITY	AMT
CHEMICAL IDENTITY	CAS # / UN #	PEL / TLV / OTHER	LD50 / LC50	%
Severely Hydrotreated Heavy Naphthenic Distillate *Oil Mist, Mineral	64742-52-5	*5 mg/m ³ *5 mg/m ³	LD50 rat/oral > 5,000 mg/kg	20-30
Severely Hydrotreated Light Naphthenic Distillate *Oil Mist, Mineral	64742-53-6	*5 mg/m ³ *5 mg/m ³	LD50 rat/oral > 5,000 mg/kg	1-5
Mercaptobenzothiazole disulfide w/mineral oil *Total nuisance dust. **Respirable dust	120-78-5/ 8042-47-5	*15 mg/m ³ , *10 mg/m ³ **5 mg/m ³	LD50 rat/oral > 7,940 mg/kg.	60-70
Hydrated Amorphous Silica *total dust**respirable dust	7631-86-9	*6 mg/m ³ *10 mg/m ³ **3 mg/m ³	LD50 rat/oral > 5 g/kg	5-10

SECTION III - Physical / Chemical Characteristics

BOILING POINT:	Not Applicable	SPECIFIC GRAVITY (H ₂ O= 1):	1.31 (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 Odor; Slight	

MARKETED BY

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

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

EXTINGUISHING MEDIA: Water, ABC dry chemical, or protein-type air foams

SPECIAL FIRE FIGHTING PROCEDURES: Use self contained breathing apparatus and full protective clothing. Cool tanks and containers exposed to fire with water. Be aware that burning liquid will float on water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Slightly combustible. OSHA/NFPA Class III-B. Combustible liquid. When heated above its flash point, this material will release flammable vapors which, if exposed to an ignition source, can burn in the open or be explosive in confined spaces.

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, NO_x, SO_x

SECTION V - Reactivity Data

STABILITY

Stable	X
Unstable	

CONDITIONS TO AVOID (Condition of Reactivity): Extreme heat and open flames

INCOMPATIBILITY (Materials to Avoid): Strong acids, alkalies, and oxidizers such as oxygen and liquid chlorine.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO_x, NO_x, SO_x. MBTS may react with acids and produce toxic sulfur compound vapors.

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: Prolonged or repeated skin contact may cause skin irritation and allergic skin reaction. Excessive contact with powder can cause drying of mucous membranes of nose, eyes, and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds. Eye contact with powder can result in mild irritation.

Chronic: None known

CARCINOGEN:

NTP: No

IARC: No

OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: See health effects above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Personnel with pre-existing skin disorders should avoid contact with this material.

WHMIS CLASSIFICATION

Not Determined

HMIS RATING: 2

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:

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.