

Revised  
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## MATERIAL SAFETY DATA SHEETS

### MP 54125GR RESIN PART A

HMIS	HEALTH	2	FLAMMABILITY	1	REACTIVITY	0
NFPA	HEALTH	2	FIRE HAZARD	1	REACTIVITY	0

#### 1. GENERAL INFORMATION

PRODUCT NAME:	MP 54125GR - RESIN PART A
CHEMICAL FAMILY:	Epoxy resin
CHEMICAL NAME:	Bisphenol A/Epichlorodhydrin Based Epoxy

#### 2. COMPOSITION

INGREDIENT:	CAS#	%
Epoxy Resin	25068-38-6	100

#### 3. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Low Viscosity Paste
ODOR:	Low Odor
SPECIFIC GRAVITY:	1.17
BOILING POINT:	> 500 °F
SOLUBILITY IN WATER:	Negligible
VAPOR DENSITY:	N/A
VAPOR PRESSURE:	0.03 @ 77 °F
COLOR:	Grey

#### 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>480°F (method used PMCC)
FLAMMABLE LIMITS	LEL = N/A UEL = N/A
	Most standard fire fighting agents are suitable eg. Carbon Dioxide, dry chemicals, water
SPECIAL FIRE FIGHTING PROCEDURES/ UNUSUAL FIRE & EXPLOSIVE HAZARDS:	Fire fighter should wear full protective clothing including a positive pressure self contained breathing apparatus.

#### 5. HEALTH HAZARD DATA

Eye Protection	Flush eyes with water for thirty minutes, prompt medical consultation is essential
Skin Contact	Remove the uncured product with a dry cloth or towel, wash thoroughly with soap and water. Consult a Physician if irritation develops.
Inhalation	Remove to fresh air if effects occur. Consult a Physician.
Ingestion	INDUCE VOMITING. Give large amounts of water or milk if available and transport to medical facility.

#### 6. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	
INCOMPATIBILITY:	Strong oxidizers, peroxides, halogenated organic compounds, epoxies
HAZARDOUS DECOMPOSITION:	
HAZARDOUS POLYMERIZATION:	
CONDITION TO AVOID:	Will not occur



# MATERIAL SAFETY DATA SHEETS

## MP 54125GR RESIN PART A



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### 7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL  
RELEASE OR SPILLED:

WATER DISPOSAL METHOD:

Cover spills with dry absorbent material is  
such as sand or sawdust: scoop up and  
place in an appropriate container  
Bury or incinerate in accordance with  
EPA Federal, State and Local regulations

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### 8. SPECIAL PROTECTION INFORMATION

RESPIRATORY:

VENTILATION:

EYE:  
OTHER PROTECTIVE  
EQUIPMENT:

Because of its low volatility this product is likely to be  
an inhalation  
Adequate in-plant air movement is sufficient. Use a  
NIOSH approved respirator, or a self-contained  
breathing apparatus when exposure limits exceed  
established airborne limits.  
Safety Glasses w/ side shields or splash goggles  
Wear impervious gloves and protective clothing as  
necessary to prevent skin contact

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### 9. SPECIAL PRECAUTIONS

Storage Temperature:  
Average Shelf Life:  
Special Sensitivity  
(Heat, light, moisture):  
PRECAUTIONS TO BE TAKEN IN  
HANDLING AND STORAGE:

40-80 °F  
Twelve months in original sealed container  
Moisture and Excessive heat  
Store in a dry area away from excessive heat

**Engineering Excellence**

For technical information  
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## MATERIAL SAFETY DATA SHEETS

### MP 54125GR HARDENER PART B

HMIS	HEALTH	3	FLAMMABILITY	1	REACTIVITY	0
NFPA	HEALTH	3	FIRE HAZARD	1	REACTIVITY	0

#### 1. GENERAL INFORMATION

PRODUCT NAME:  
CHEMICAL FAMILY:  
CHEMICAL NAME:  
SYNONYMS:

MP 54125GR - *HARDENER PART B*  
Mercaptan-Terminated Polymer  
Prop.  
Mercaptan Polymer

#### 2. COMPOSITION

INGREDIENT:  
Mercaptan Polymer

CAS#	%	TLV
Trade Secret	100%	495 °F

#### 3. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:  
ODOR:  
SPECIFIC GRAVITY:  
BOILING POINT:  
SOLUBILITY IN WATER:  
VAPOR DENSITY:  
VAPOR PRESSURE:  
COLOR:

Low Viscosity Paste  
Mercaptan Odor  
1.15  
Not Determined  
Slight  
N/A  
N/A  
Yellow

#### 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:  
FLAMMABLE LIMITS  
EXTINGUISHING MEDIA

SPECIAL FIRE FIGHTING PROCEDURES/  
UNUSUAL FIRE & EXPLOSIVE HAZARDS:

N/A  
LEL = N/A                      UEL = N/A  
Most standard fire fighting agents are suitable eg.  
Carbon Dioxide, dry chemicals, water  
Fire fighter should wear full protective  
clothing including a positive pressure self-contained  
breathing apparatus.

#### 5. HEALTH HAZARD DATA

Eye Protection  
  
Skin Contact  
  
Inhalation  
Ingestion

Flush eyes with water for thirty minutes, prompt medical  
consultation is essential  
Remove the uncured product with a dry cloth or towel,  
wash thoroughly with soap and water. Consult a  
Physician if irritation develops.  
Remove to fresh air if effects occur. Consult Physician.  
**INDUCE VOMITING.** In general, no treatment is  
necessary unless large quantities of product are  
ingested. However, get medical attention.

#### 6. REACTIVITY DATA

STABILITY:  
CONDITIONS TO AVOID:  
INCOMPATIBILITY:  
HAZARDOUS DECOMPOSITION:  
HAZARDOUS POLYMERIZATION:  
CONDITION TO AVOID:

Stable  
Avoid Oxidizing Agents  
N/A  
Ammonia, Oxide, Nitrogen or carbon compound  
Will not occur



# MATERIAL SAFETY DATA SHEETS

## MP 54125GR HARDENER PART B



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as necessary to prevent skin contact

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Special Sensitivity

(Heat, light, moisture):

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### 10. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS OR DIVISON: NA

PACKING GROUP NUMBER: NA

REQUIRED LABEL: NONE

IDENTIFICATION NUMBER: NA

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