

Revised
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MATERIAL SAFETY DATA SHEETS

MP 54125 RESIN PART A

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

1. GENERAL INFORMATION

PRODUCT NAME:	MP 54125 - 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:	Black or Clear

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>200 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	DO NOT 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:	Will not occur
CONDITION TO AVOID:	



MATERIAL SAFETY DATA SHEET

MP 54125 RESIN PART A



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

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

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

NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

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MATERIAL SAFETY DATA SHEETS

MP 54125 HARDENER PART B

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

1. GENERAL INFORMATION

PRODUCT NAME:	MP 54125 - <i>HARDENER PART B</i>
CHEMICAL FAMILY:	Polyamine Resin
CHEMICAL NAME:	Prop.

2. COMPOSITION

INGREDIENT:	CAS#	OSHA PEL
Polyamide Resin	NA	NA
N-Aminoethylpiperazine	140-31-8	NA
Nonyl Phenol	84852-15-3	NE
Amorphous Silicon Dioxide	67762-90-7	20mppcf

3. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Low Viscosity Paste
ODOR:	Mild Amine Odor
SPECIFIC GRAVITY:	1.01
BOILING POINT:	>200F
SOLUBILITY IN WATER:	Slight
VAPOR DENSITY:	N/A
VAPOR PRESSURE:	N/A
COLOR:	Yellow

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>200F
FLAMMABLE LIMITS	LEL = N/A UEL = N/A
EXTINGUISHING MEDIA	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 Ingestion	Remove to fresh air if effects occur. Consult Physician. DO NOT INDUCE VOMITING. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.

6. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Avoid Oxidizing Agents
INCOMPATIBILITY:	N/A
HAZARDOUS DECOMPOSITION:	Ammonia, Oxide, Nitrogen or carbon compound
HAZARDOUS POLYMERIZATION:	Will not occur

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WATER DISPOSAL METHOD:

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RESPIRATORY:

VENTILATION:

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EQUIPMENT:

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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

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

10. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Polyamines, liquid, corrosive, N.O.S. (N-aminoethylpiperazine, nonyl phenol)
HAZARD CLASS OR DIVISION: 8
PACKING GROUP NUMBER: III
REQUIRED LABEL: Corrosive
IDENTIFICATION NUMBER: UN2735

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