

Revised
June 2003



9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924

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

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at:

www.instantca.com

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MATERIAL SAFETY DATA SHEETS

MP 54125 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:

MP 54125 - HARDENER PART B
Polyamine Resin
Prop.

2. COMPOSITION

INGREDIENT:
Polyamide Resin
N-Aminoethylpiperazine
Nonyl Phenol
Amorphous Silicon Dioxide

CAS#	OSHA PEL
NA	NA
140-31-8	NA
84852-15-3	NE
67762-90-7	20mppcf

3. CHEMICAL AND PHYSICAL PROPERTIES

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

Low Viscosity Paste
Mild Amine Odor
1.01
>200F
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:

>200F
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.
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:

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 SHEET

MP 54125 HARDENER PART B



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9. SPECIAL PRECAUTIONS

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Special Sensitivity
(Heat, light, moisture):

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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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