

Revised  
June 2003



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**EMERGENCY PHONE 1-800-255-3924**

## **MATERIAL SAFETY DATA SHEETS**

### **MP 54125 RESIN PART A**

<b>HMIS</b>	<b>HEALTH</b>	<b>2</b>	<b>FLAMMABILITY</b>	<b>1</b>	<b>REACTIVITY</b>	<b>0</b>
<b>NFPA</b>	<b>HEALTH</b>	<b>2</b>	<b>FIRE HAZARD</b>	<b>1</b>	<b>REACTIVITY</b>	<b>0</b>

#### **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



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

**[www.instantca.com](http://www.instantca.com)**

Revised  
January 2002



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## **MATERIAL SAFETY DATA SHEETS**

### **MP 54125 HARDENER PART B**

<b>HMIS</b>	<b>HEALTH</b>	<b>3</b>	<b>FLAMMABILITY</b>	<b>1</b>	<b>REACTIVITY</b>	<b>0</b>
<b>NFPA</b>	<b>HEALTH</b>	<b>3</b>	<b>FIRE HAZARD</b>	<b>1</b>	<b>REACTIVITY</b>	<b>0</b>

#### **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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Wear impervious gloves and protective clothing  
as necessary to prevent skin contact

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### 9. SPECIAL PRECAUTIONS

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(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

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### 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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