

Revised
May 30th, 2008



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EMERGENCY PHONE (800) 255-3924
MATERIAL SAFETY DATA SHEET
MP54460 PART A (RESIN)

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

1. Chemical Product

Product Name: MP54460 PART A (RESIN)
Product Type: Epoxy Resin

2. Identity of Ingredients

Ingredients	CAS No.	OSHA PEL	ACGIH TLV	Other Limits	%Composition
Epoxy Resin	25068-38-6	N/A	N/A	N/A	>98

3. Physical/Chemical Characteristics

Boiling Point: > 235 °C
Vapor Pressure: < 0.4 mbar
Solubility in Water: Negligible
Appearance and Odor: Clear liquid

4. Fire and Explosion Hazard Data

Flash Point: >215 °C
Flammable Limits: LEL=N/D UEL=N/D
Extinguishing Media: Water fog, foam, dry chemical or CO2.
Special Fire Fighting Procedures: Wear self contained breathing apparatus.
Unusual Fire and Explosion Hazards: None Known

5. Reactivity Data

Stability: Stable
Incompatibility: Strong oxidizers, acids, bases.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid high temperatures.
Hazardous Decomposition: CO, CO², toxic vapors.

MATERIAL SAFETY DATA SHEET

MP54460 PART A (RESIN)

6. Health Hazard Data

Routes of Entry:	Inhalation, Skin, and Ingestion
Health Hazards:	(Inhalation) Not expected to be a relevant route of exposure, however, under conditions where exposure to vapors or mists is possible, could cause respiratory tract irritation. (Skin) May be mildly irritating to the skin. Contact with hot material can cause thermal burns which may result in permanent damage. May cause skin sensitization. (Eyes) May be mildly irritating to the eye. Contact with hot material can cause thermal burns which may result in permanent damage or blindness. (Ingestion) Not likely to be a relevant route of exposure.
Carcinogenicity:	Recent 2-year bioassays in rats and mice exposed by the dermal route to the diglycidyl ether of bisphenol A (BADGE) yielded no evidence of carcinogenicity to the skin or any other organs. This study clarifies prior equivocal results from a 2-year mouse skin painting study, which were suggestive, but not conclusive, for weak carcinogenic activity. Note: Diglycidyl ether of bisphenol A (BADGE) is a component in all BPA/ECH based epoxy resins. Bisphenol A is currently under consideration for evaluation. This component has not been classified by the IARC.
NTP:	Not an OSHA-Regulated Carcinogen.
IARC:	D2B
OSHA:	
WHMIS:	
Signs and Symptoms of Exposure:	(Eyes) Redness, swelling, tearing, and hazy vision. (Skin) Redness, swelling, blistering, and itching. (Inhalation) Soreness of the nose and throat, coughing and sneezing. (Ingestion) Pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.
Medical Conditions Aggravated by Exposure:	Preexisting eye and skin disorders may be aggravated by exposure.
Emergency First Aid Procedures:	(Inhalation) Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. (Skin contact) In case of contact with hot product, immediately flood the affected area with cold water. Wipe excess material from exposed area. Wash with soap if available. Carefully remove clothing; if clothing is stuck to a burn area do not pull it off, but cut around it. Cover burn area with a clean material. Transport to nearest medical facility for additional treatment. (Eye contact) Flush eye with water. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling persists, consult a physician. (Ingestion) Do not induce vomiting. Have victim rinse out mouth with water, then drink sips of water to remove taste from mouth. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

7. Regulatory Information

This product and / or all of it's components are included on the TSCA Inventory of Chemical Substances.

8. Transportation Information

This product is not regulated for any modes of transportation.

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 it's 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 SHEET
MP54460 PART B (HARDENER)

HMIS HEALTH 2 FLAMMABILITY 1 REACTIVITY 0

1. Chemical Product

Product Name: MP54460 PART B (HARDENER)
Product Type: Curing Agent

2. Identity of Ingredients

Ingredients	CAS No.	OSHA PEL	OSHA TWA	ACGIH TWA	%Composition
Polyamide Resin	68410231	N.E.	N.E.	N.E.	Proprietary

3. Physical/Chemical Characteristics

Boiling Point: Not Determined
Density: > 1
Solubility in Water: Moderate
Appearance and Odor: Amber liquid with ammoniacal odor.
V.O.C. Content: 0 %
Specific Gravity: 0.972

4. Fire and Explosion Hazard Data

Extinguishing Media: Water fog, foam, dry chemical or CO2.
Special Fire Fighting Procedures: Cool containers exposed to fire with water to prevent vapor pressure buildup.
Special Protective Equipment: Do not enter confined fire space without full bunker gear including a NIOSH SCBA.

5. Reactivity Data

Stability: Stable
Incompatibility: Oxidizers, strong acids / bases, secondary aliphatic amines, and mercaptans.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: High temperatures and open flames.
Hazardous Decomposition: Nitrogen oxides, carbon monoxide and carbon dioxide

**MATERIAL SAFETY DATA SHEET
MP54460 PART B (HARDENER)**

6. Health Hazard Data

Routes of Entry:	Skin and inhalation.
Health Hazards:	(Inhalation) Mists or vapors may be severely irritating. (Skin) Causes severe skin irritation. (Eyes) Causes severe eye irritation.
IARC:	These components have not been classified by the IARC.
Signs and Symptoms of Exposure:	(Eyes) Redness, swelling, tearing, and hazy vision. (Skin) Redness, swelling, blistering, and itching. (Inhalation) Soreness of the nose and throat, coughing and sneezing. (Ingestion) Liquid may cause damage to mucous membrane if swallowed.
Medical Conditions Aggravated by Exposure:	Preexisting eye, lung, and skin disorders may be aggravated by exposure.
Emergency First Aid Procedures:	(Inhalation) Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. (Skin contact) In case of contact, flush with water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. (Eye contact) Flush eye with water for at least 15 minutes. Get medical attention. (Ingestion) Do not induce vomiting. Give large amounts of water or milk if available. Get medical attention.

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Engineering Excellence

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

www.instantca.com