

# Material Safety Data Sheet



Diamondtec International Inc.	PRODUCT: EPOXYADHESIVE PM PART B
DATE REVISED: April 15, 2008	DATE ISSUED: February 28, 2013

## 1. Substance/preparation and company name

**Trade name: EPOXY ADHESIVE PM PART B**

Company:

Diamondtec International Inc

2550 N. Powerline Rd. Suite 102 Pompano Beach, FL. 33069

TEL:800-211-0665

FAX: 954-580-2241

## 2. Composition/information on ingredients

Chemical description: Hardener for epoxy resin  
Polyamine

### Composition and information about ingredients

Number	% weight	CAS number	Chemical denomination
1	> 20%	63428-84-2	Polyamine
2.	< 80%		inert mineral filler
		14808-60-7	Filler1: Silicon dioxide
		471-34-1	Filler2: Calcium carbonate

## 3. Possible hazards

### EMERGENCY OVERVIEW

Form: Paste  
Color: Yellowish  
Odor: mild odor

### WARNING STATEMENTS

WARNING!  
May cause eye irritation  
May cause skin irritation  
May cause respiratory tract irritation  
May cause allergic skin reaction.

### POTENTIAL HEALTH EFFECTS

Likely routes of exposure: eye and skin contact inhalation

Skin contact: Remove contaminated clothing and footwear. Wash skin thoroughly with water. If swelling, redness, blistering or irritation occurs seek medical attention.

Inhalation: Remove victim from exposure to fresh air. If breathing difficulty, apply artificial respiration and seek medical attention.

Eye contact: Immediately irrigate with copious quantities of water for at least 15minutes. Eyelids to be held open. Seek immediate medical assistance.

Ingestion: If swallowed do not induce vomiting. Rinse mouth with water, give glass of water and seek medical attention.

Note to physician: Treat the patient symptomatically.



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## 4. First aid measures

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If in eyes: Immediately flush with plenty of water. If easy to do, remove any contact lenses. Get medical attention if irritation persists. Remove material from skin and clothing.

If on skin: Immediately flush the area with plenty of water. Remove contaminated clothing. Wash skin gently with soap as soon as it is available. Get medical attention if irritation persists. Wash clothing before reuse.

If inhaled: Immediate first aid is not likely to be required. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Remove material from eyes, skin and clothing.

If swallowed: Immediate first aid is not likely to be required. A physician or Poison Control Center can be contacted for advice. Wash heavily contaminated clothing before reuse.

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## 5. Fire fighting and measures

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Flash point:  $\geq 95^{\circ}\text{C}$

Decomposition temp.: Not applicable

Fire extinguishing agents: Foamy chemicals, dry powder, sand, carbon dioxide

Not to be used: High pressure water jets

Environments products: Suction, then cover the desired surface with absorbent material. Clean up and dispose all materials

Further information: Do not let contaminated water flow down into streams, wastes and sewers. Take suitable precautions to contain used waters as extinguishers. Collect contaminated water in suitable containers and put them in drain according to local laws

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## 6. Accidental release measures

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Personal precautions: Use personal protection such as gloves, chemical goggles and wear suitable protective clothing.

Environmental precautions: Keep out of drains and water courses.

Methods for cleaning up: In case of spill, sweep, scoop or vacuum and remove. Flush spill area with water. Put in a suitable tank or garbage discharge.

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## 7. Handling and Storage

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### Handling:

Sensitive Avoid fumes creation sources. Assure a good ventilation and air exchange in work places.

Do not drink, smoke and eat in work places.

Avoid contact with eyes, skin and clothing.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling

Emptied containers retain vapor and product residue. Observe all recommended safety precautions until container is cleaned, reconditioned or destroyed. The reuse of this material's container for non industrial purposes is prohibited and any reuse must be in consideration of the data provided in this material safety data sheet.

Storage General: Store in the closed, original container in a cool ventilated area. containers tightly closed when not in use. Keep away from explosives, food, oxidizing agents and organic peroxides.



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## 8. Exposure controls and personal protection

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Personal Protection: Use overalls, safety shoes, safety goggles, rubber or chemical resistance gloves and respirator if required.

Preparations& use of product: Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Do not inhale mist or vapors. After each day's use, wash gloves, safety goggles and all the contaminated clothing.

Eye protection: Wear chemical goggles. Have eye flushing equipment available.

Hand protection: Wear chemical resistant gloves. Consult the glove manufacturer to determine the appropriate type glove for a given application.

Body protection: Wear suitable protective clothing.  
Consult the glove/clothing manufacturer to determine the appropriate type glove/clothing for a given application. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling. Attention! Repeated or prolonged contact may cause allergic skin reaction in some people.

Respiratory protection: Do not inhale vapors. Where ventilation is not enough, use suitable filter mask.

Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. If practical, use local mechanical exhaust ventilation at sources of air contamination such as processing equipment.

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## 9. Physical and chemical properties

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Density: 1.3-1.6g/cm<sup>3</sup>@25°C

Melting point: Not established

Water solubility: insoluble

NOTE: All above values are Typical Values only

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## 10. Stability and reactivity

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Conditions to avoid: All sources of ignition.

Materials to avoid: Oxidant agents, and epoxy derivates: exothermic reaction

Hazardous reactions: Hazardous polymerization does not occur.

Hazardous decomposition products: In case of fire, a creation of carbon monoxide, carbon dioxide, other gases and toxic fumes, is possible.

Stability: The product is stable under normal conditions and use.



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## 11. Toxicological information

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No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation.

Eye: Brief contact may cause mild irritation to eyes.

Skin: Mild irritant and poorly absorbed through the skin. Prolonged contact may cause severe irritation and/or dermatitis

Inhaled: Not hazardous at ambient temperatures. Vapors generated at elevated temperatures or when inhaled repeatedly may cause irritation to nose, throat and respiratory tract.

Long Term Effects: Repeated skin contact and inhalation may result in sensitization in some individuals. May cause allergic reaction, dermatitis or asthma like symptoms. Follow good working practice. Avoid ingestion, inhalation, eye and skin contact. Wash hands with soap and water before eating, drinking, smoking or using toilet facilities.

Acute & Chronic: Negative in a battery of mutagenicity assays.

Toxicity: No evidence of carcinogenicity was observed in long term studies of rats.

No developmental nor reproductive effects in rat and rabbit.

Acceptable Daily Intake ( ADI ) for humans is 0.01 mg/kg/day.

Mutagenicity: No mutagenicity effect

Carcinogenicity: No carcinogenicity effect

### Components

<sup>1</sup>Polyamine: Slightly toxic after skin application in animal studies. Practically nontoxic to slightly toxic following oral administration. Slightly irritating to skin. Slightly irritating to eyes (rabbit). May cause sensitization by skin contact.

<sup>2</sup>Inert filler: No harm.

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## 12. Ecological information

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Precautions: This product is harmful to fish. Avoid soil and water contamination. Do not release product into the drains.

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## 13. Disposal considerations

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Do not dispose near waterways, vegetation and tree roots. Empty containers and product should not be burned.

Disposal considerations: Incineration

Recycle

Landfill

Product: Burn in compliance with operative regulations in a hazardous waste incinerator

Packaging: Can be reused after cleaning. Dispose of washing solution in the same way as product

Miscellaneous advice: Local, state, provincial, and national disposal regulations may be more or less stringent. Consult your attorney or appropriate regulatory officials for information on such disposal. This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.



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## 14. Transport information

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UN. No. : Not Applicable  
Shipping Name : Not Applicable  
Class : Not classified as dangerous goods  
Subsidiary Risk : Not Applicable  
Packaging Group : Not Applicable  
Hazchem Code : Not Applicable  
EPG : Not Applicable  
Segregation: Not to be loaded with explosives, oxidizing agents or organic peroxides.  
For road, marine and air transport this product is not classified as dangerous goods within the context of National and International Transport Regulation.

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## 15. Regulatory information

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Not applicable

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## 16. Other information

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The information presented herein is based on data considered to be accurate at the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to stored, handled and used in compliance with current sanitary regulations and laws. Furthermore the specifications and description given herein cannot be used to void a contract.