



SAFETY DATA SHEET
EPO-TEK MA5

1. IDENTIFICATION

<u>Product Name</u>	EPO-TEK MA5
<u>Product No.</u>	EPO-TEK MA5
<u>Identification No.</u>	UN3092
<u>Supplier</u>	Epoxy Technology, Inc. 14 Fortune Drive Billerica, MA 01821 USA (978) 667-3805 (978) 663-9782
<u>Emergency Telephone</u>	(800) 255-3924

2. HAZARD(S) IDENTIFICATION

<u>Appearance</u>	Liquid
<u>Color</u>	Amber.
<u>Odor</u>	Mild.
<u>GHS Pictogram</u>	



<u>Signal Word</u>	Warning
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Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.
P501	Dispose of contents/container in accordance with local regulations.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT SE 3 - H335, H336
Environment	Not classified.

Inhalation

Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Irritating to skin.

EPO-TEK MA5

Eye Contact

Irritating to eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

1-Methoxy-2-propanol	30-60%
CAS No.: 107-98-2	EC No.:
GHS Classification Flam. Liq. 3 - H226; STOT SE 3 - H336	
Bisphenol A Novolac Resin	30-60%
CAS No.: 29690-82-2	EC No.:
GHS Classification Skin Irrit. 2 - H315; Eye Irrit. 2B - H320; STOT SE 3 - H335	

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin Contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

Inhalation

Vapors may cause headache, fatigue, dizziness and nausea.

Skin Contact

Skin irritation.

Eye Contact

Irritation of eyes and mucous membranes.

Indication of any immediate medical attention and special treatment needed

Notes To The Physician

Treat Symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Fire can be extinguished using: Dry chemicals. Foam. Carbon dioxide (CO2). Water spray.

Unusual Fire & Explosion Hazards

May travel considerable distance to source of ignition and flash back. Heat may cause the containers to explode.

Protective Equipment For Fire-Fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

EPO-TEK MA5

Personal Precautions

Wear protective clothing as described in Section 8 of this material safety data sheet.

Spill Clean Up Methods

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

Handling

Avoid spilling, skin and eye contact.

Storage

Store in a refrigerator. Keep containers tightly closed.

Storage Class

Chemical storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
1-Methoxy-2-propanol	ACGIH	100 ppm		150 ppm		

ACGIH=American Conference of Governmental Industrial Hygienists.

Protective Equipment



Process Conditions

Provide eyewash station.

Engineering Measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory Equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand Protection

Use suitable protective gloves if risk of skin contact.

Eye Protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	Liquid
<u>Color</u>	Amber.
<u>Odor</u>	Mild.
<u>Evaporation rate</u>	<BuAc

10. STABILITY AND REACTIVITY

Stability

Stable under normal temperature conditions.

Hazardous Polymerisation

Will not polymerise.

Conditions To Avoid

Avoid excessive heat for prolonged periods of time.

Materials To Avoid

Strong acids. Strong alkalis. Strong oxidizing substances.

Hazardous Decomposition Products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Toxicological information

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

GeneralRoad Transport NotesRail Transport NotesSea Transport NotesAir Transport Notes

<u>UN No. (DOT/TDG)</u>	UN3092
<u>UN No. (IMDG)</u>	UN3092
<u>UN No. (ICAO)</u>	UN3092
<u>DOT Proper Shipping Name</u>	1-Methoxy-2-propanol
<u>DOT Proper Shipping Name</u>	1-Methoxy-2-propanol
<u>TDG Proper Shipping Name</u>	1-Methoxy-2-propanol

DOT Hazard Class

3

DOT Hazard Label

Flammable Liquid

Transport Labels

<u>DOT Pack Group</u>	III
<u>TDG Pack Group</u>	III
<u>IMDG Pack Group</u>	III
<u>Air Pack Group</u>	III

Environmentally Hazardous Substance/Marine Pollutant

No.

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes

Not applicable.

15. REGULATORY INFORMATION

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed.

1-Methoxy-2-propanol

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed.

Massachusetts "Right To Know" List

The following ingredients are listed.

1-Methoxy-2-propanol

Rhode Island "Right To Know" List

The following ingredients are listed.

1-Methoxy-2-propanol

Minnesota "Right To Know" List

The following ingredients are listed.

1-Methoxy-2-propanol

New Jersey "Right To Know" List

The following ingredients are listed.

1-Methoxy-2-propanol

Pennsylvania "Right To Know" List

The following ingredients are listed.

1-Methoxy-2-propanol

International Inventories

EU - EINECS/ELINCS

All ingredients are listed or exempt.

Canada - DSL/NDSL

All ingredients are listed or exempt.

US - TSCA

All ingredients are listed or exempt.

US – TSCA 12(b) Export Notification

None of the ingredients are listed.

Australia - AICS

All ingredients are listed or exempt.

Japan – MITI

At least one ingredient is not listed.

Korea - KECI

All ingredients are listed or exempt.

China - IECSC

All ingredients are listed or exempt.

Philippines – PICCS

At least one ingredient is not listed.

16. OTHER INFORMATION

Revision Date 18 April 2014

Revision 1

Disclaimer

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