



SAFETY DATA SHEET EPO-TEK EV1502

1. Identification

Product identifier

Product name EPO-TEK EV1502

Product number EV1502

Recommended use of the chemical and restrictions on use

Application Adhesive.

Details of the supplier of the safety data sheet

Supplier Epoxy Technology, Inc.
14 Fortune Drive
Billerica, MA 01821
USA
(978) 667-3805
(978) 663-9782
www.epotek.com

Emergency telephone number

Emergency telephone (800) 255-3924

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317 Carc. 2 - H351

Environmental hazards Aquatic Chronic 3 - H412

Label elements

Pictogram



Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P308+P313 If exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulations.

Contains Epoxy Phenol Novolac, Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac

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3. Composition/information on ingredients

Mixtures

Epoxy Resin Blend	5-10%
CAS number: Proprietary	
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
Accelerator	<1%
CAS number: Proprietary	
M factor (Chronic) = 1	
Classification	
Acute Tox. 4 - H302	
Carc. 2 - H351	
Aquatic Chronic 1 - H410	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
Ingestion	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse nose and mouth with water. Give plenty of water to drink. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
Skin Contact	Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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Most important symptoms and effects, both acute and delayed

General information	Contains a substance which may be potentially carcinogenic.
Inhalation	Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause sensitisation by skin contact. May be slightly irritating to skin.
Eye contact	May cause temporary eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Dry chemicals. Foam. Carbon dioxide (CO ₂).
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Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂). Carbon monoxide (CO). Oxides of nitrogen.
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Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and disperse vapors.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin and eyes.
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Environmental precautions

Environmental precautions	Avoid discharge to the aquatic environment.
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Methods and material for containment and cleaning up

Methods for cleaning up	Eliminate all sources of ignition. Stop leak if safe to do so. Absorb spillage with inert, damp, non-combustible material. Collect spillage. Dispose of contents/container in accordance with national regulations.
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Reference to other sections	For personal protection, see Section 8.
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7. Handling and storage

Precautions for safe handling

Usage precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions	Store at -40 degrees C. Keep container tightly sealed when not in use.
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Specific end uses(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

Platinum

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³

Accelerator

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not eat, drink or smoke when using this product. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Avoid discharge to the aquatic environment.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Paste.
Color	Grey.
Odor	Mild.
Flash point	> 93°C
Evaporation rate	< BuAc
Vapour density	> Air
Solubility(ies)	Slightly soluble in water.
Other information	None.

10. Stability and reactivity

Reactivity

The following materials may react with the product: Strong oxidizing agents. Strong reducing agents.

Stability

Stable at normal ambient temperatures and when used as recommended.

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Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
Materials to avoid	Strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO ₂). Oxides of nitrogen.

11. Toxicological information

Information on toxicological effects

Inhalation	Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
Ingestion	May cause discomfort if swallowed.
Skin Contact	May cause sensitisation by skin contact. May be slightly irritating to skin.
Eye contact	May cause temporary eye irritation.
Acute and chronic health hazards	Contains a substance which may be potentially carcinogenic.

12. Ecological Information

Ecotoxicity	Harmful to aquatic life with long lasting effects.
<u>Toxicity</u>	
Acute toxicity - fish	Not available.
<u>Persistence and degradability</u>	
Persistence and degradability	No data available.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	Not available.
<u>Mobility in soil</u>	
Mobility	No data available.
<u>Other adverse effects</u>	
Other adverse effects	Not known.

13. Disposal considerations

<u>Waste treatment methods</u>	
Disposal methods	Dispose of contents/container in accordance with national regulations.

14. Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
<u>UN Number</u>	
Not applicable.	

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UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards**Environmentally Hazardous Substance**

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information**US Federal Regulations****SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None of the ingredients are required to be listed.

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

None of the ingredients are required to be listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are required to be listed.

SARA 313 Emission Reporting

None of the ingredients are required to be listed.

CAA Accidental Release Prevention

None of the ingredients are required to be listed.

OSHA Highly Hazardous Chemicals

None of the ingredients are required to be listed.

US State Regulations**California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are required to be listed.

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

None of the ingredients are required to be listed.

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

None of the ingredients are required to be listed.

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

Platinum

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Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Platinum

Rhode Island "Right To Know" List

None of the ingredients are required to be listed.

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

Platinum

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Platinum

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Platinum

Inventories

EU - EINECS/ELINCS

Some of the ingredients are listed or exempt.

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

Australia - AICS

All the ingredients are listed or exempt.

Japan - MITI

Some of the ingredients are listed or exempt.

Korea - KECI

All the ingredients are listed or exempt.

China - IECSC

All the ingredients are listed or exempt.

Philippines - PICCS

Some of the ingredients are listed or exempt.

16. Other information

Revision date 7/27/2015

Revision 1

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Hazard statements in full

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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