



SAFETY DATA SHEET EPO-TEK® B9021-15

1. Identification

Product identifier

Product name EPO-TEK® B9021-15
Product number B9021-15

Recommended use of the chemical and restrictions on use

Application Adhesive.
Uses advised against Use only for intended applications.

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, SDS@epotek.com

Emergency telephone number

Emergency telephone ChemTel: +1 (800) 255-3924, +1 (813) 248-0585

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Danger

Hazard statements H332 Harmful if inhaled.
H315 Causes skin irritation.
H318 Causes serious eye damage.

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Precautionary statements	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a poison center/ doctor if you feel unwell.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains Epoxy Novolac Resin, Diluent

3. Composition/information on ingredients

Mixtures

Epoxy Novolac Resin	30-60%
CAS number: 29690-82-2	
Classification	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Diluent	1-5%
CAS number: Proprietary	
Classification	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	

The full text for all hazard statements is 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. 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. 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.
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. Do not induce vomiting unless under the direction of medical personnel. 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. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Rinse cautiously with water for several minutes. Continue to rinse for at least 15 minutes. Do not use organic solvents. Get medical attention if irritation persists after washing.
Eye contact	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 and get medical attention.

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Most important symptoms and effects, both acute and delayed

Inhalation	Harmful if inhaled. Irritation of nose, throat and airway.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.

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 (CO₂).

Special hazards arising from the substance or mixture

Specific hazards Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO₂).

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

Environmental precautions

Environmental precautions Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with national regulations.

Reference to other sections For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions Handle all packages and containers carefully to minimize spills. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene Provide eyewash station. Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.

Conditions for safe storage, including any incompatibilities

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Storage precautions Store at -40°C. Keep container tightly sealed when not in use.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Ingredient comments No exposure limits known for ingredient(s).

Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Eye/face protection Wear tight-fitting, 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 Provide eyewash station. Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Paste.
Color	Cream.
Odor	Pungent.
Odor threshold	No specific test data are available.
pH	No specific test data are available.
Melting point	No specific test data are available.
Initial boiling point and range	No specific test data are available.
Flash point	> 93°C
Evaporation rate	< BuAc
Flammability (solid, gas)	No specific test data are available.
Upper/lower flammability or explosive limits	No specific test data are available.
Vapor pressure	No specific test data are available.
Vapor density	> 1
Relative density	No specific test data are available.
Bulk density	No specific test data are available.

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Solubility(ies)	No specific test data are available.
Partition coefficient	No specific test data are available.
Auto-ignition temperature	No specific test data are available.
Decomposition Temperature	No specific test data are available.
Viscosity	No specific test data are available.
Other information	None.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Strong acids. Strong alkalis.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	May polymerize.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong acids. Strong alkalis.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. Toxicological information**Information on toxicological effects****Acute toxicity - dermal**

ATE dermal (mg/kg) 22,357.61

Acute toxicity - inhalation

ATE inhalation (gases ppm) 91,462.96

ATE inhalation (vapours mg/l) 223.58

ATE inhalation (dusts/mists mg/l) 4.0

Inhalation	Harmful by inhalation. Irritating to respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin Contact	Causes skin irritation.
Eye contact	Causes serious eye damage.

12. Ecological information**Acute aquatic toxicity**

Acute toxicity - fish Not available.

Persistence and degradability

Persistence and degradability No data available.

EPO-TEK® B9021-15**Bioaccumulative potential****Bio-Accumulative Potential** No data available on bioaccumulation.**Partition coefficient** No specific test data are available.**Mobility in soil****Mobility** No data available.**Other adverse effects****Other adverse effects** Not known.**13. Disposal considerations****Waste treatment methods****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).**UN Number****UN No. (International)** Not applicable.**UN No. (DOT)** Not applicable.**UN proper shipping name****Proper shipping name (International)** Not applicable.**Proper shipping name (DOT)** Not applicable.**Transport hazard class(es)****Transport Labels (International)** No transport warning sign required.**DOT transport labels**

No transport warning sign required.

Packing group**Packing group (International)** Not applicable.**DOT packing group** Not applicable.**Environmental hazards****Environmentally Hazardous Substance**

No.

Special precautions for user

Not applicable.

DOT reportable quantity Not applicable.**DOT TIH Zone** Not applicable.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

EPO-TEK® B9021-15**15. Regulatory information**

Regulatory References Proprietary information protected pursuant to WTO's Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS), Section 7, Art. 39.

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.

Massachusetts "Right To Know" List

None of the ingredients are required to be listed.

Rhode Island "Right To Know" List

None of the ingredients are required to be listed.

Minnesota "Right To Know" List

None of the ingredients are required to be listed.

New Jersey "Right To Know" List

None of the ingredients are required to be listed.

Pennsylvania "Right To Know" List

None of the ingredients are required to be listed.

Inventories**EU - EINECS/ELINCS**

Some of the ingredients are listed or exempt.

Canada - DSL/NDSL

All the ingredients are listed or exempt.

EPO-TEK® B9021-15**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

Some of the ingredients are listed or exempt.

Japan - ENCS

Some of the ingredients are listed or exempt.

Korea - KECI

All the ingredients are listed or exempt.

China - IECSC

Some of the ingredients are listed or exempt.

Philippines - PICCS

Some of the ingredients are listed or exempt.

16. Other information

Revision date	1/29/2020
Revision	2
Supersedes date	8/12/2015
Hazard statements in full	H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled.

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