# SAFETY DATA SHEET
## EPO-TEK EJ2108 Part A

## 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Product name</th>
<th>Product number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EPO-TEK EJ2108 Part A</td>
<td>EJ2108/A</td>
</tr>
</tbody>
</table>

**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, SDS@epotek.com

**Emergency telephone number**

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

## 2. Hazard(s) identification

**Classification of the substance or mixture**

**Physical hazards**
Not Classified

**Health hazards**
Skin Irrit. 2 - H315 Eye Dam. 1 - H318

**Environmental hazards**
Aquatic Chronic 2 - H411

**Label elements**

**Pictogram**

![Pictogram]

**Signal word**
Danger

**Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.
EPO-TEK EJ2108 Part A

Contains
Silver, Substituted Glycidyl Ether Resin, Reactive Diluent

Other hazards
Contains epoxy constituents. May produce an allergic reaction.

Hazards not otherwise classified (HNOC)

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
<th>CAS number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>60-100%</td>
<td>7440-22-4</td>
<td>Aquatic Chronic 2 - H411</td>
</tr>
<tr>
<td>Substituted Glycidyl Ether Resin</td>
<td>10-30%</td>
<td>Proprietary</td>
<td>Skin Irr. 2 - H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2 - H319</td>
</tr>
<tr>
<td>Reactive Diluent</td>
<td>1-5%</td>
<td>Proprietary</td>
<td>Acute Tox. 4 - H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1 - H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3 - H336</td>
</tr>
</tbody>
</table>

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

4. First-aid measures

Description of first aid measures

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.</td>
</tr>
</tbody>
</table>

Most important symptoms and effects, both acute and delayed

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract. Gas or vapor in high concentrations may irritate the respiratory system.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause discomfort if swallowed.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Causes skin irritation.</td>
</tr>
</tbody>
</table>
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Eye contact
Causes serious eye damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media: Dry chemicals. Foam. Carbon dioxide (CO2).

Special hazards arising from the substance or mixture
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. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

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: Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up: Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

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 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

Storage precautions: Store at room temperature. Keep container tightly sealed when not in use.

Storage class: Chemical storage.

Specific end uses(s): The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection
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Control parameters

Occupational exposure limits

Silver

Long-term exposure limit (8-hour TWA): 0.1

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 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.

Respiratory protection

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

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance

Paste.

Color

Silver.

Odor

Mild.

Flash point

> 93°C

Evaporation rate

< BuAc

Vapor 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.

Possibility of hazardous reactions

Will not polymerize.

Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.
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Materials to avoid
Strong reducing agents. Strong oxidizing agents.

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

11. Toxicological information

Information on toxicological effects

Inhalation
Gas or vapor in high concentrations may irritate the respiratory system. 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
Causes skin irritation.

Eye contact
Causes serious eye damage.

12. Ecological Information

Ecotoxicity
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Toxicity

Acute toxicity - fish
Not available.

Persistence and degradability

Persistence and degradability
No data available.

Bioaccumulative potential

Bio-Accumulative Potential
No data available on bioaccumulation.

Mobility in soil

Mobility
No data available.

Other adverse effects

Other adverse effects
Not known.

13. Disposal considerations

Waste treatment methods

General information
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number
UN No. (DOT) 3082
UN No. (TDG) 3082
UN No. (IMDG) 3082
UN No. (ICAO) 3082

UN proper shipping name
EPO-TEK EJ2108 Part A

Proper shipping name (DOT)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver)
Proper shipping name (TDG)  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver)
Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver)
Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver)

Transport hazard class(es)
TDG class  9
TDG label  9
IMDG Class  9
ICAO class/division  9

Transport labels

Packing group
DOT pack group  III
TDG Packing Group  III
IMDG packing group  III
ICAO packing group  III

Environmental hazards
Environmentally Hazardous Substance

Special precautions for user
EmS  F-A, S-F

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

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.
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CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
The following ingredients are listed or exempt:

Silver
1,000 lbs (454 Kg)

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are required to be listed.

SARA 313 Emission Reporting
The following ingredients are listed or exempt:

Silver

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)
The following ingredients are listed or exempt:

Silver

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are required to be listed.

Massachusetts "Right To Know" List
The following ingredients are listed or exempt:

Silver

Rhode Island "Right To Know" List
The following ingredients are listed or exempt:

Silver

Minnesota "Right To Know" List
The following ingredients are listed or exempt:

Silver

New Jersey "Right To Know" List
The following ingredients are listed or exempt:

Silver

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:

Silver
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 6/6/2016
Revision 1

Hazard statements in full
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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