1. Identification

Product identifier
Product name    EPO-TEK® H21D Part A
Product number  H21D/A

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    Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317
Environmental hazards    Aquatic Chronic 2 - H411

Label elements
Hazard symbols

Signal word    Warning
Hazard statements    H315 Causes skin irritation.
                      H319 Causes serious eye irritation.
                      H317 May cause an allergic skin reaction.
                      H411 Toxic to aquatic life with long lasting effects.
EPO-TEK® H21D Part A

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.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

Contains
Epoxy Phenol Novolac

Other hazards
Harmful dust may be released during cutting or grinding process.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Material</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
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<tr>
<td>CAS number: 7440-22-4</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td>Aquatic Chronic 2 - H411</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Epoxy Phenol Novolac</th>
<th>30-60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 9003-36-5</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
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<tr>
<td>Skin Irrit. 2 - H315</td>
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</tr>
<tr>
<td>Eye Irrit. 2A - H319</td>
<td></td>
</tr>
<tr>
<td>Skin Sens. 1 - H317</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

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

Ingestion
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.

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

Eye contact
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.

Most important symptoms and effects, both acute and delayed

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. May cause an allergic skin reaction. May cause sensitisation by skin contact.
EPO-TEK® H21D Part A

Eye contact
May cause severe eye irritation.

Indication of immediate medical attention and special treatment needed
Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media
Foam. Dry chemicals. Water spray, fog or mist.

Special hazards arising from the substance or mixture
Hazardous combustion products
Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Advice for firefighters
Protective actions during firefighting
Avoid breathing fire gases or 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
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 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
Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash after use and before eating, smoking and using the toilet. 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.
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 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.

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

Evaporation factor
No specific test data are available.

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.

Solubility(ies)
Slightly soluble in water.
**EPO-TEK® H21D Part A**

<table>
<thead>
<tr>
<th>Property</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient</td>
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<tr>
<td>Auto-ignition temperature</td>
<td>No specific test data are available.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No specific test data are available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No specific test data are available.</td>
</tr>
<tr>
<td>Other information</td>
<td>None.</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

- **Reactivity**: The following materials may react violently with the product: Strong oxidizing 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. Avoid contact with the following materials: Oxidizing agents. Reducing agents.
- **Materials to avoid**: Strong oxidizing agents.
- **Hazardous decomposition products**: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen.

### 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**: Irritating to skin. May cause sensitisation by skin contact. May cause an allergic skin reaction.
- **Eye contact**: Causes serious eye irritation.

### 12. Ecological information

- **Ecotoxicity**: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Acute aquatic 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.
- **Partition coefficient**: No specific test data are available.
- **Mobility in soil**
  - **Mobility**: The product has poor water-solubility.
EPO-TEK® H21D Part A

Other adverse effects
Other adverse effects Not known.

13. Disposal considerations
Waste treatment methods
Disposal methods 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. (TDG) 3082
UN No. (IMDG) 3082
UN No. (ICAO) 3082
UN No. (DOT) UN3082

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

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

Transport labels

DOT transport labels

Packing group
TDG Packing Group III
IMDG packing group III
EPO-TEK® H21D Part A

ICAO packing group III
DOT 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 listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
The following ingredients are listed:
Silver
1,000 lbs (454 Kg)

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

SARA 313 Emission Reporting
The following ingredients are listed:
Silver

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:
Silver

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed.
EPO-TEK® H21D Part A

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

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

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

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

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

Inventories
EU - EINECS/ELINCS
Some of the ingredients are listed or exempt.

Canada - DSL/NDSL
Some of 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.

Australia - AICS
Some of the ingredients are listed or exempt.

Japan - ENCS
Some of the ingredients are listed or exempt.

Korea - KECI
Some of 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 6/3/2019
Revision 2
Supersedes date 1/12/2015
EPO-TEK® H21D Part A

**Hazard statements in full**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Epoxy Technology, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Epoxy Technology, Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.
SAFETY DATA SHEET
EPO-TEK® H21D Part B

1. Identification

Product identifier

Product name EPO-TEK® H21D Part B
Product number H21D/B

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 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335
Environmental hazards Aquatic Chronic 2 - H411

Label elements

Hazard symbols

Signal word Danger

Hazard statements H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.
EPO-TEK® H21D Part B

Precautionary statements
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell.
P302+P352 If on skin: Wash with plenty of water.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
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.
P501 Dispose of contents/ container in accordance with national regulations.

Contains
Substituted Imidazole Blend

Other hazards
Harmful dust may be released during cutting or grinding process.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Substance</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 Imidazole Blend</td>
<td>30-60%</td>
<td>Proprietary</td>
<td>Acute Tox. 4 - H302</td>
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<td></td>
<td></td>
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<td>Skin Irr. 2 - H315</td>
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<td></td>
<td></td>
<td>Eye Dam. 1 - H318</td>
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<tr>
<td></td>
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<td>STOT SE 3 - H335</td>
</tr>
</tbody>
</table>

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

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

Ingestion
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.

Skin Contact
Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact
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.

Most important symptoms and effects, both acute and delayed

Inhalation
May cause respiratory irritation.

Ingestion
Harmful if swallowed. May cause stomach pain or vomiting. May cause chemical burns in mouth, esophagus and stomach. May cause nausea, headache, dizziness and intoxication.

Skin Contact
Causes skin irritation.
EPO-TEK® H21D Part B

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  Extinguish with the following media: Dry chemicals. Foam. Water spray.

Special hazards arising from the substance or mixture

Hazardous combustion products  Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Advice for firefighters

Protective actions during firefighting  Avoid breathing fire gases or 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  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 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  Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. 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.

8. Exposure controls/Personal protection
## 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

Do not smoke in work area. Wash 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Paste.</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Silver.</td>
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<td><strong>Odor</strong></td>
<td>Mild.</td>
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<td><strong>Odor threshold</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>pH</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>Melting point</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>Initial boiling point and range</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>Flash point</strong></td>
<td>&gt; 93°C</td>
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<tr>
<td><strong>Evaporation rate</strong></td>
<td>&lt; BuAc</td>
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<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>Upper/lower flammability or explosive limits</strong></td>
<td>No specific test data are available.</td>
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<td><strong>Vapor pressure</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>Relative density</strong></td>
<td>No specific test data are available.</td>
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<tr>
<td><strong>Solubility(ies)</strong></td>
<td>Insoluble in water.</td>
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<tr>
<td><strong>Partition coefficient</strong></td>
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<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>No specific test data are available.</td>
</tr>
</tbody>
</table>
EPO-TEK® H21D Part B

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: Acids. Alkalis. 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.

Materials to avoid

Hazardous decomposition products
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral
ATE oral (mg/kg) 1,443.0

Inhalation
Irritating to respiratory system.

Ingestion
Harmful if swallowed. May cause stomach pain or vomiting. May cause chemical burns in mouth, esophagus and stomach.

Skin Contact
Irritating to skin.

Eye contact
Severe irritation, burning and tearing. Risk of serious damage to eyes.

12. Ecological information

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

Acute aquatic toxicity

Acute toxicity - fish
Not available.

Persistence and degradability

Persistence and degradability
The product is moderately biodegradable.

Bioaccumulative potential

Bio-Accumulative Potential
No data available on bioaccumulation.

Partition coefficient
No specific test data are available.

Mobility in soil

Mobility
The product has poor water-solubility.

Other adverse effects
Other adverse effects  Not known.

13. Disposal considerations

Waste treatment methods

Disposal methods  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. (TDG)  3082
UN No. (IMDG)  3082
UN No. (ICAO)  3082
UN No. (DOT)  UN3082

UN proper shipping name

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

Transport hazard class(es)

DOT hazard class  9
DOT hazard label  9
TDG class  9
TDG label(s)  9
IMDG Class  9
ICAO class/division  9

Transport labels

DOT transport labels

Packing group

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

Environmental hazards
EPO-TEK® H21D Part B

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.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
The following ingredients are listed:
Silver
1,000 lbs (454 Kg)

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

SARA 313 Emission Reporting
The following ingredients are listed:
Silver

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 required to be listed.

California Air Toxics "Hot Spots" (A-I)
The following ingredients are listed:
Silver

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

Massachusetts "Right To Know" List
The following ingredients are listed:
Silver
EPO-TEK® H21D Part B

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

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

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

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

Inventories
EU - EINECS/ELINCS
Some of the ingredients are listed or exempt.

Canada - DSL/NDSL
Some of 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.

Australia - AICS
Some of the ingredients are listed or exempt.

Japan - ENCS
Some of the ingredients are listed or exempt.

Korea - KECI
Some of 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

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<td>1/12/2015</td>
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Hazard statements in full

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.

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