



## SAFETY DATA SHEET EPO-TEK® H20S Part A

### 1. Identification

#### Product identifier

**Product name** EPO-TEK® H20S Part A

**Product number** H20S/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 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Muta. 2 - H341

**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

#### Label elements

##### Hazard symbols



**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H317 May cause an allergic skin reaction.  
H341 Suspected of causing genetic defects.  
H410 Very toxic to aquatic life with long lasting effects.

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|                                 |   |
|---------------------------------|---|
| <b>Precautionary statements</b> | <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P284 In case of inadequate ventilation wear respiratory 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>P501 Dispose of contents/ container in accordance with national regulations.</p> |
|---------------------------------|---|

**Contains** Silver, Bisphenol A Diglycidyl Ether Resin, Reactive Diluent

### Other hazards

Harmful dust may be released during cutting or grinding process.

**Hazards not otherwise classified (HNOC)** Contains epoxy constituents. May produce an allergic reaction.

### 3. Composition/information on ingredients

#### Mixtures

|  |
|--|
| <p><b>Silver</b> <span style="float: right;"><b>60-100%</b></span></p> <p>CAS number: 7440-22-4</p> <p>M factor (Acute) = 1000                      M factor (Chronic) = 100</p> |
| <p><b>Classification</b></p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 1 - H410</p>   |
| <p><b>Bisphenol A Diglycidyl Ether Resin</b> <span style="float: right;"><b>30-60%</b></span></p> <p>CAS number: 25085-99-8</p>  |
| <p><b>Classification</b></p> <p>Skin Irrit. 2 - H315</p> <p>Eye Irrit. 2 - H319</p> <p>Skin Sens. 1 - H317</p> <p>Aquatic Chronic 2 - H411</p>                                   |
| <p><b>Reactive Diluent</b> <span style="float: right;"><b>1-5%</b></span></p> <p>CAS number: Proprietary</p>   |
| <p><b>Classification</b></p> <p>Skin Irrit. 2 - H315</p> <p>Eye Irrit. 2 - H319</p> <p>Resp. Sens. 1 - H334</p> <p>Skin Sens. 1 - H317</p> <p>Muta. 2 - H341</p>                 |

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.

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|                     |  |
|---------------------|--|
| <b>Ingestion</b>    | 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.             |
| <b>Skin Contact</b> | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.  |
| <b>Eye contact</b>  | 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

|                            |  |
|----------------------------|--|
| <b>General information</b> | Suspected of causing genetic defects.  |
| <b>Inhalation</b>          | May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract. |
| <b>Ingestion</b>           | May cause discomfort if swallowed.   |
| <b>Skin contact</b>        | Skin irritation. Allergic rash.  |
| <b>Eye contact</b>         | Irritation of eyes and mucous membranes.   |

### Indication of immediate medical attention and special treatment needed

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | 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** 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

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### Precautions for safe handling

|   |  |
|---|--|
| <b>Usage precautions</b>                      | 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.  |
| <b>Advice on general occupational hygiene</b> | Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. 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

|                             |   |
|-----------------------------|---|
| <b>Storage precautions</b>  | Store at room temperature. Keep container tightly sealed when not in use. |
| <b>Storage class</b>        | Chemical storage.   |
| <b>Specific end uses(s)</b> |   |
| <b>Specific end use(s)</b>  | 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

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

|                       |                                      |
|-----------------------|--------------------------------------|
| <b>Appearance</b>     | Paste.                               |
| <b>Color</b>          | Silver.                              |
| <b>Odor</b>           | Mild.                                |
| <b>Odor threshold</b> | No specific test data are available. |
| <b>pH</b>             | No specific test data are available. |

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|   |                                      |
|---|--------------------------------------|
| <b>Melting point</b>                                | No specific test data are available. |
| <b>Initial boiling point and range</b>              | No specific test data are available. |
| <b>Flash point</b>                                  | >93°C                                |
| <b>Evaporation rate</b>                             | <BuAc                                |
| <b>Flammability (solid, gas)</b>                    | No specific test data are available. |
| <b>Upper/lower flammability or explosive limits</b> | No specific test data are available. |
| <b>Vapor pressure</b>                               | No specific test data are available. |
| <b>Vapor density</b>                                | > 1                                  |
| <b>Relative density</b>                             | No specific test data are available. |
| <b>Solubility(ies)</b>                              | Insoluble in water.                  |
| <b>Partition coefficient</b>                        | No specific test data are available. |
| <b>Auto-ignition temperature</b>                    | No specific test data are available. |
| <b>Decomposition Temperature</b>                    | No specific test data are available. |
| <b>Viscosity</b>                                    | No specific test data are available. |
| <b>Other information</b>                            | Not available.                       |

### 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | The following materials may react violently with the product: Acids. Alkalis. Strong oxidizing agents. Strong reducing agents. Heavy metals. |
| <b>Stability</b>                          | Stable at normal ambient temperatures and when used as recommended.  |
| <b>Possibility of hazardous reactions</b> | Will not polymerize.   |
| <b>Conditions to avoid</b>                | Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.  |
| <b>Materials to avoid</b>                 | Strong acids. Strong alkalis. Strong oxidizing agents. Strong reducing agents. Other metals or alloys.                                       |
| <b>Hazardous decomposition products</b>   | Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).  |

### 11. Toxicological information

#### Information on toxicological effects

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory system irritation. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.  |
| <b>Skin Contact</b> | Irritating to skin. May cause an allergic skin reaction.  |
| <b>Eye contact</b>  | Irritating to eyes.   |

## EPO-TEK® H20S Part A

**Acute and chronic health hazards** Suspected of causing genetic defects.

### 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 biodegradable.

#### Bioaccumulative potential

**Bio-Accumulative Potential** The product contains potentially bioaccumulating substances.

**Partition coefficient** No specific test data are available.

#### Mobility in soil

**Mobility** Mobile.

#### 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, Bisphenol A Diglycidyl Ether Resin, Bisphenol A Diglycidyl Ether Resin)

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Bisphenol A Diglycidyl Ether Resin, Bisphenol A Diglycidyl Ether Resin)

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Bisphenol A Diglycidyl Ether Resin, Bisphenol A Diglycidyl Ether Resin)

**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Bisphenol A Diglycidyl Ether Resin)

#### Transport hazard class(es)

**DOT hazard class** 9

**DOT hazard label** 9

**TDG class** 9

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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

#### 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.

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### **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.

#### **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**

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.



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### Australia - AICS

All 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

All the ingredients are listed or exempt.

### Philippines - PICCS

All the ingredients are listed or exempt.

## 16. Other information

|                                  |  |
|----------------------------------|--|
| <b>Revision date</b>             | 3/16/2021  |
| <b>Revision</b>                  | 5  |
| <b>Supersedes date</b>           | 3/25/2020  |
| <b>Hazard statements in full</b> | H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.<br>H341 Suspected of causing genetic defects.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Toxic to aquatic life with long lasting effects. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



## SAFETY DATA SHEET EPO-TEK® H20S Part B

### 1. Identification

#### Product identifier

Product name EPO-TEK® H20S Part B

Product number H20S/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 Eye Dam. 1 - H318

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

#### Label elements

##### Hazard symbols



Signal word Danger

Hazard statements  
H318 Causes serious eye damage.  
H410 Very toxic 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.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a poison center/ doctor.  
P391 Collect spillage.  
P501 Dispose of contents/ container in accordance with national regulations.

## EPO-TEK® H20S Part B

**Contains** Silver, Reactive Diluent, Substituted Imidazole

### Other hazards

Harmful dust may be released during cutting or grinding process.

### 3. Composition/information on ingredients

#### Mixtures

|  |
|--|
| <p><b>Silver</b> <span style="float: right;"><b>60-100%</b></span></p> <p>CAS number: 7440-22-4</p> <p>M factor (Acute) = 1000                      M factor (Chronic) = 100</p> |
| <p><b>Classification</b></p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 1 - H410</p>   |
| <p><b>Reactive Diluent</b> <span style="float: right;"><b>10-30%</b></span></p> <p>CAS number: Proprietary</p>   |
| <p><b>Classification</b></p> <p>Acute Tox. 4 - H302</p> <p>Eye Dam. 1 - H318</p> <p>STOT SE 3 - H336</p>   |
| <p><b>Substituted Imidazole</b> <span style="float: right;"><b>5-10%</b></span></p> <p>CAS number: Proprietary</p>   |
| <p><b>Classification</b></p> <p>Acute Tox. 4 - H302</p> <p>Skin Irrit. 2 - H315</p> <p>Eye Dam. 1 - H318</p> <p>STOT SE 3 - H335</p>   |

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

### 4. First-aid measures

#### Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.   |
| <b>Ingestion</b>    | Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| <b>Skin Contact</b> | Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.  |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.   |

## EPO-TEK® H20S Part B

### Most important symptoms and effects, both acute and delayed

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.  |
| <b>Skin contact</b> | May be slightly irritating to skin.   |
| <b>Eye contact</b>  | Causes serious eye damage.  |

### Indication of immediate medical attention and special treatment needed

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### 5. Fire-fighting measures

#### Extinguishing media

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

#### Special hazards arising from the substance or mixture

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

#### Advice for firefighters

**Protective actions during firefighting** 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** Avoid contact with skin, eyes and clothing. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet.

#### Environmental precautions

**Environmental precautions** Avoid release to the environment.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely.

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

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product.

**Advice on general occupational hygiene** Provide eyewash station. 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. 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.

#### Specific end uses(s)

## EPO-TEK® H20S Part B

**Specific end use(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. Wash promptly with soap and water if skin 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

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

## EPO-TEK® H20S Part B

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

### 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The following materials may react violently with the product: Acids. Alkalis. Strong reducing agents. Strong oxidizing agents.              |
| <b>Stability</b>                          | Stable at normal ambient temperatures and when used as recommended.   |
| <b>Possibility of hazardous reactions</b> | Will not polymerize.  |
| <b>Conditions to avoid</b>                | Avoid excessive heat for prolonged periods of time.   |
| <b>Materials to avoid</b>                 | Strong acids. Strong alkalis. Strong oxidizing agents. Strong reducing agents.  |
| <b>Hazardous decomposition products</b>   | Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). |

### 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity - oral

ATE oral (mg/kg) 2,564.1

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | 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. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.   |
| <b>Skin Contact</b> | May be slightly irritating to skin.  |
| <b>Eye contact</b>  | Causes serious eye damage.   |

### 12. Ecological information

|   |  |
|---|--|
| <b>Ecotoxicity</b>                          | Toxic to aquatic life with long lasting effects. |
| <b><u>Acute aquatic toxicity</u></b>        |  |
| <b>Acute toxicity - fish</b>                | Not available.                                   |
| <b><u>Persistence and degradability</u></b> |  |
| <b>Persistence and degradability</b>        | The product is moderately biodegradable.         |
| <b><u>Bioaccumulative potential</u></b>     |  |
| <b>Bio-Accumulative Potential</b>           | No data available on bioaccumulation.            |

## EPO-TEK® H20S Part B

**Partition coefficient** No specific test data are available.

### Mobility in soil

**Mobility** Semi-mobile.

### 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, Blocking Agent)

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Blocking Agent)

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Blocking Agent)

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

### Transport hazard class(es)

**DOT hazard class** 9

**DOT hazard label** 9

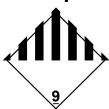
**TDG class** 9

**TDG label(s)** 9

**IMDG Class** 9

**ICAO class/division** 9

### Transport labels



### DOT transport labels



## EPO-TEK® H20S Part B

### Packing group

|                    |     |
|--------------------|-----|
| TDG Packing Group  | III |
| IMDG packing group | III |
| 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:



## EPO-TEK® H20S Part B

*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*

### **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**

All 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.

### **Australia - AICS**

All 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**

All the ingredients are listed or exempt.

### **Philippines - PICCS**

All the ingredients are listed or exempt.

## **16. Other information**

**EPO-TEK® H20S Part B**

|                                  |  |
|----------------------------------|--|
| <b>Revision date</b>             | 3/16/2021  |
| <b>Revision</b>                  | 5  |
| <b>Supersedes date</b>           | 3/25/2020  |
| <b>Hazard statements in full</b> | H302 Harmful if swallowed.<br>H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H335 May cause respiratory irritation.<br>H336 May cause drowsiness or dizziness.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.