# Metalon™ JS-B25P Silver Inkjet Ink

**Safety Data Sheet**

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Date of issue: 2/09/2016  
Version: 1.0

## SECTION 1: Identification

<table>
<thead>
<tr>
<th>1.1. Identification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product form:</strong></td>
</tr>
<tr>
<td><strong>Trade name:</strong></td>
</tr>
<tr>
<td><strong>Technical name:</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.2. Relevant identified uses of the substance or mixture and uses advised against</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Use of the substance/mixture:</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.3. Details of the supplier of the safety data sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NCC Nano LLC dba Novacentrix</strong></td>
</tr>
<tr>
<td>400 Parker Drive, Suite 1110</td>
</tr>
<tr>
<td>Austin, TX 78728</td>
</tr>
<tr>
<td>T (512) 491-9500</td>
</tr>
<tr>
<td><a href="mailto:msds@novacentrix.com">msds@novacentrix.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.4. Emergency telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emergency number:</strong></td>
</tr>
</tbody>
</table>

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**

- Serious eye damage/eye irritation, Category 2A  
  H319
- Specific target organ toxicity (repeated exposure) Category 2  
  H373
- Hazardous to the aquatic environment - Acute Hazard, Category 1  
  H400

Full text of H statements: see section 16

### 2.2. Label elements

**GHS-US labeling**

- **Hazard pictograms (GHS-US):**
  - GHS07
  - GHS08
  - GHS09

- **Signal word (GHS-US):** Warning
- **Contains:** Ethylene glycol
- **Hazard statements (GHS-US):**
  - H319 - Causes serious eye irritation
  - H373 - May cause damage to organs through prolonged or repeated exposure
  - H400 - Very toxic to aquatic life

- **Precautionary statements (GHS-US):**
  - P260 - Do not breathe dust, mist, spray, vapors, gas, fume
  - P264 - Wash hands thoroughly after handling
  - P273 - Avoid release to the environment
  - P280 - Wear protective gloves, protective clothing, eye 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
  - P314 - Get medical advice/attention if you feel unwell
  - P337+P313 - If eye irritation persists: get medical advice/attention
  - P391 - Collect spillage
  - P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

<table>
<thead>
<tr>
<th>2.3. Other hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other hazards which do not result in classification:</strong> Contains silver nanoparticle. Silver may result in darkening of skin and cornea of eye (gray-blue patches or darkening) where the metal has contact; prolonged and heavy exposure may also affect lung function and may be manifested as mild or chronic bronchitis.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.4. Unknown acute toxicity (GHS US)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Not applicable</strong></td>
</tr>
</tbody>
</table>
**SECTION 3: Composition/information on ingredients**

### 3.1. Substance
Not applicable

### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>(CAS No) 7440-22-4</td>
<td>23 - 27</td>
<td>Not classified</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>(CAS No) 107-21-1</td>
<td>2 - 7</td>
<td>Acute Tox. 4 (Oral), H302 STOT RE 2, H373</td>
</tr>
<tr>
<td>Polyethylene glycol 4-(tert-octylphenyl) ether, liquids</td>
<td>(CAS No) 9002-93-1</td>
<td>0.2 - 1</td>
<td>Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318</td>
</tr>
</tbody>
</table>

**SECTION 4: First aid measures**

### 4.1. Description of first aid measures

- **First-aid measures general**: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.
- **First-aid measures after inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposure symptoms persist, seek medical advice.
- **First-aid measures after skin contact**: Remove/take off immediately all contaminated clothing. Rinse and then wash skin thoroughly with water and soap. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- **First-aid measures after eye contact**: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.
- **First-aid measures after ingestion**: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical advice.

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

- **Symptoms/injuries after inhalation**: Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
- **Symptoms/injuries after skin contact**: May cause slight irritation to the skin. Silver may result in darkening of skin and cornea of eye (gray-blue patches or darkening) where the metal has contact; prolonged and heavy exposure may also affect lung function and may be manifested as mild or chronic bronchitis.
- **Symptoms/injuries after eye contact**: Causes serious eye irritation.
- **Symptoms/injuries after ingestion**: May cause irritation to the digestive tract.
- **Chronic symptoms**: May cause damage to organs through prolonged or repeated exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

**SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

- **Suitable extinguishing media**: Foam. Dry powder. Carbon dioxide. Water spray.
- **Unsuitable extinguishing media**: Do not use a heavy water stream.

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

- **Fire hazard**: Combustion generates smoke fumes, carbon monoxide and dioxide, nitrogen oxides (NOx), and various hydrocarbon compounds.
- **Explosion hazard**: Prolonged exposure to fire may cause containers to rupture/explode.
- **Reactivity**: The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Advice for firefighters

- **Firefighting instructions**: In case of fire: Wear self-contained breathing apparatus. Wear proper protective equipment. Evacuate personnel to a safe area. Do not allow run-off from firefighting to enter drains or water courses. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
- **Protective equipment for firefighters**: Use self-contained breathing apparatus and chemically protective clothing. Do not attempt to take action without suitable protective equipment.
- **Other information**: On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Stop leak if safe to do so. Ensure adequate air ventilation.

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing mist or vapor.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Avoid breathing dust, mist or spray. Wear suitable protective clothing, gloves and eye/face protection. For further information refer to section 8: Exposure-controls/personal protection.


6.2. Environmental precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect in closed containers for disposal. Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Stop leak, if possible without risk. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect spillage. Put into a labeled container and provide safe disposal.

Methods for cleaning up: Take up liquid spill into absorbent material. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect all waste in suitable and labeled containers and dispose according to local legislation. Wear suitable protective clothing. Notify authorities if product enters sewers or public waters.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: Exposure-controls/personal protection. For disposal of residues refer to section 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Obtain special instructions before use. Ensure good ventilation of the work station. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing mist or vapor.

Hygiene measures: Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in well-ventilated area. Keep cool. Long-term storage in closed containers.

Incompatible materials: Strong oxidizing agents. Strong acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Compound</th>
<th>ACGIH TWA (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>ACNIH REL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver (7440-22-4)</td>
<td>0.1 mg/m³ (dust and fume)</td>
<td>0.01 mg/m³</td>
<td>0.01 mg/m³ (dust)</td>
</tr>
<tr>
<td>Ethylene glycol (107-21-1)</td>
<td>10 mg/m³</td>
<td>100 mg/m³ (aerosol only)</td>
<td>URT &amp; eye irr</td>
</tr>
</tbody>
</table>

ACGIH TWA (mg/m³)
8.2. Exposure controls

Appropriate engineering controls: Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

Personal protective equipment: Avoid all unnecessary exposure. Gloves. Protective goggles. Protective clothing. Personal protective equipment should be selected based upon the conditions under which this product is handled or used.

Hand protection: Wear impermeable protective gloves. It is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.


Environmental exposure controls: Avoid release to the environment.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Dark green to gray</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>6.0 - 8.0</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>&lt;= 1</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable.</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.2 - 1.4</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: Dispersible</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not specified</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.
10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization does not occur.

10.4. Conditions to avoid

High temperature. Incompatible materials.

10.5. Incompatible materials

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. During a fire, carbon monoxide and dioxide, nitrogen oxides (NOx), and various hydrocarbon compounds, may be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure: Ingestion; Oral; Skin and Eye contact

Acute toxicity: Not classified

(Based on available data, the classification criteria are not met)

Silver (7440-22-4)

LD50 oral rat > 2000 mg/kg

Ethylene glycol (107-21-1)

LD50 oral rat 4700 mg/kg
LD50 dermal rat 10600 mg/kg
LD50 dermal rabbit 9530 µL/kg

Polyethylene glycol 4-(tert-octylphenyl) ether, liquids (9002-93-1)

LD50 dermal rabbit 8000 mg/kg

Skin corrosion/irritation: Not classified

(Based on available data, the classification criteria are not met)

pH: 6.0 - 8.0

Serious eye damage/irritation: Causes serious eye irritation.

pH: 6.0 - 8.0

Respiratory or skin sensitisation: Not classified

(Based on available data, the classification criteria are not met)

Germ cell mutagenicity: Not classified

(Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified

(Based on available data, the classification criteria are not met)

Reproductive toxicity: Not classified

(Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure): Not classified

(Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Not classified

(Based on available data, the classification criteria are not met)

Symptoms/injuries after inhalation: Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.

Symptoms/injuries after skin contact: May cause slight irritation to the skin. Silver may result in darkening of skin and cornea of eye (gray-blue patches or darkening) where the metal has contact; prolonged and heavy exposure may also affect lung function and may be manifested as mild or chronic bronchitis.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: May cause irritation to the digestive tract.

Chronic symptoms: May cause damage to organs through prolonged or repeated exposure.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: Very toxic to aquatic life.
Silver (7440-22-4)

Silver (7440-22-4)
LC50 fish 1 0.00155 - 0.00293 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1 0.00024 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2 0.0062 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])

Ethylene glycol (107-21-1)

Ethylene glycol (107-21-1)
LC50 fish 1 41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1 46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2 14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and degradability

Metalon™ JS-B25P Silver Inkjet Ink
Persistence and degradability Not established.

12.3. Bioaccumulative potential

Metalon™ JS-B25P Silver Inkjet Ink
Bioaccumulative potential Not established.

Ethylene glycol (107-21-1)

Log Pow -1.93

Polyethylene glycol 4-(tert-octylphenyl) ether, liquids (9002-93-1)

Log Pow 1.3 - 2.4

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No additional information available
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions.
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not regulated for transport

TDG
Not regulated for transport

Transport by sea

UN-No. (IMDG) : 3082
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class (IMDG) : 9 - Miscellaneous dangerous substances and articles
Packing group (IMDG) : III - substances presenting low danger
MFAG-No : 171

Air transport

UN-No. (IATA) : 3082
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.
Class (IATA) : 9 - Miscellaneous Dangerous Goods
Packing group (IATA) : III - Minor Danger

02/09/2016 EN (English)
SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>7440-22-4</td>
<td>23 - 27%</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>2 - 7%</td>
</tr>
</tbody>
</table>

Silver (7440-22-4)
- RQ (Reportable quantity, section 304 of EPA’s List of Lists) 1000 lbs
- SARA Section 313 - Emission Reporting 1.0%

Ethylene glycol (107-21-1)
- SARA Section 313 - Emission Reporting 1.0%

15.2. International regulations

CANADA

Silver (7440-22-4)
- Listed on the Canadian DSL (Domestic Substances List)
- WHMIS Classification: Uncontrolled product according to WHMIS classification criteria

Ethylene glycol (107-21-1)
- Listed on the Canadian DSL (Domestic Substances List)
- WHMIS Classification: Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects
  Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

EU-Regulations

Silver (7440-22-4)
- Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
- Classification according to Regulation (EC) No. 1272/2008 [CLP] Aquatic Acute 1 H400

Ethylene glycol (107-21-1)
- Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Silver (7440-22-4)
- Listed on the AICS (Australian Inventory of Chemical Substances)
- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on the Korean ECL (Existing Chemicals List)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- Japanese Pollutant Release and Transfer Register Law (PRTR Law)
- Listed on the Canadian IDL (Ingredient Disclosure List)
- Listed on INSQ (Mexican National Inventory of Chemical Substances)
- Listed on CICR (Turkish Inventory and Control of Chemicals)

Ethylene glycol (107-21-1)
- Listed on the AICS (Australian Inventory of Chemical Substances)
- Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
- Listed on the Korean ECL (Existing Chemicals List)
- Listed on NZIoC (New Zealand Inventory of Chemicals)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- Listed on the Canadian IDL (Ingredient Disclosure List)
- Listed on INSQ (Mexican National Inventory of Chemical Substances)
- Listed on CICR (Turkish Inventory and Control of Chemicals)

Polyethylene glycol 4-(tert-octylphenyl) ether, liquids (9002-93-1)
- OSHA-HCS REGULATORY STATUS: This material is considered hazardous according to the criteria of the US OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Irritant
15.3. US State regulations
California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

Date of Preparation : 02/09/2016

Abbreviations and acronyms :
- IARC (International Agency for Research on Cancer).
- ACGIH (American Conference of Government Industrial Hygienists).
- TWA - Time Weighted Average.
- IDLH - Immediately Dangerous to Life or Health.
- NIOSH (National Institute for Occupational Safety and Health).
- REL - recommended exposure limit.
- OSHA - Occupational Safety and Health Administration.

Full text of H-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute oral toxicity, Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity (repeated exposure) Category 2</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.