1. Product and Company Identification

Material name: Bridgit® Silver Solder - Rosin Core
Revision date: 11-08-2011
Version #: 01
CAS #: Mixture
Product use: Soldering.
Manufacturer/Supplier: Harris Products Group
4501 Quality Place
Mason, Ohio 45040 US
salesinfo@jwharris.com
513-754-2000

Telephone Number:
513-754-2000
Emergency:
Emergency Telephone Number: 855-350-3584
Access code 12386

2. Hazards Identification

Physical state: Solid.
Appearance: Gray solid.

Emergency overview: WARNING
May cause eye, skin and respiratory tract irritation. May cause allergic skin reaction.

OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects:

Routes of exposure: Inhalation. Skin contact. Eye contact. Ingestion.

Eyes:
May cause eye irritation.

Skin:
May cause skin irritation. May cause allergic reaction.

Inhalation:
May cause respiratory tract irritation. Lung damage and possible pulmonary edema can result from dust exposure. Inhalation of fumes may cause a flu-like illness called metal fume fever. May cause damage to the liver and kidneys.

Ingestion:
May cause discomfort if swallowed. Ingestion of this product may cause nausea, vomiting and diarrhea. Copper poisoning can result in hemolytic anemia and kidney, liver and spleen damage.


Chronic effects:
Ingestion of silver may cause a permanently benign bluish gray discoloration to the skin (argyria). Prolonged exposure to silver may cause damage to the nasal septum. Workers allergic to nickel may develop eczema or rashes. Refer to Section 11 Toxicological Information for more details.

Signs and symptoms:
Contact may cause irritation and redness. Dust may irritate respiratory system. Breathing rosin fumes may cause headache or respiratory irritation. The symptoms that may result are anemia, abdominal pain or weakness.

Potential environmental effects: Alloys in massive forms present a limited hazard for the environment.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tin</td>
<td>7440-31-5</td>
<td>&gt; 90</td>
</tr>
<tr>
<td>Antimony</td>
<td>7440-36-0</td>
<td>2.20 - 2.40</td>
</tr>
<tr>
<td>Rosin</td>
<td>8050-09-7</td>
<td>&lt; 4</td>
</tr>
<tr>
<td>Copper</td>
<td>7440-50-8</td>
<td>0.7 - 0.9</td>
</tr>
<tr>
<td>Silver</td>
<td>7440-22-4</td>
<td>0.46 - 0.55</td>
</tr>
<tr>
<td>Nickel</td>
<td>7440-02-0</td>
<td>0.15 - 0.25</td>
</tr>
</tbody>
</table>

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
4. First Aid Measures

First aid procedures

Eye contact
Rinse immediately with plenty of water for at least 15 minutes. Remove any contact lenses. Get medical attention if irritation develops or persists.

Skin contact
Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. If skin rash or an allergic skin reaction develops, get medical attention.

Inhalation
Remove person from contaminated area to fresh air. Apply artificial respiration if needed. Call a physician if symptoms develop or persist.

Ingestion
Do NOT induce vomiting. Immediately rinse mouth and drink a cupful of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to physician
Treat symptomatically. Symptoms may be delayed.

General advice
Show this safety data sheet to the doctor in attendance.

5. Fire Fighting Measures

Flammable properties
Solid metal is not flammable; however, finely divided metallic dust or powder may form an explosive mixture with air. Do not use water on molten metal: Explosion hazard could result.

Extinguishing media

Suitable extinguishing media
Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media
Do not use water or halogenated extinguishing media.

Protection of firefighters
Specific hazards arising from the chemical
Fire or high temperatures create: Metal oxides.

Fire fighting equipment/instructions
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do it without risk.

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Avoid inhalation of dust from the spilled material. Wear protective clothing as described in Section 8 of this MSDS. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment
Stop leak if you can do so without risk. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up
Large Spills: Sweep up and place into a proper container for disposal. Avoid the generation of dusts during clean-up.

Small Spills: Wipe up spilled material and place in a suitable container for disposal. This material and its container must be disposed of as hazardous waste. For waste disposal, see section 13 of the MSDS.

Other information
Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling
Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Avoid inhalation of dust and fumes. Avoid contact with skin and eyes. Persons susceptible for allergic reactions should not handle this product. Wear appropriate personal protective equipment (See Section 8). Do not get this material on clothing. Do not eat, drink or smoke when using the product. Wash thoroughly after handling. Avoid release to the environment.

Storage
Store in tightly closed original container in a dry, cool and well-ventilated place. Store in a closed container away from incompatible materials. Keep away from food, drink and animal feedingstuffs.

8. Exposure Controls / Personal Protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>TWA</td>
<td>0.5 mg/m3</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.2 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Bridgit® Silver Solder - Rosin Core
903583 Version #: 01 Revision date: 11-08-2011 Print date: 11-08-2011
### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel (7440-02-0)</td>
<td>TWA</td>
<td>1.5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Tin (7440-31-5)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>PEL</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>PEL</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td>PEL</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>PEL</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tin (7440-31-5)</td>
<td>PEL</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td>TWA</td>
<td>1.5 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tin (7440-31-5)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>STEL</td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tin (7440-31-5)</td>
<td>TWA</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tin (7440-31-5)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Canada. Quebec OELS. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Rosin (8050-09-7)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tin (7440-31-5)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Mexico. Occupational Exposure Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>TWA</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Copper (7440-50-8)</td>
<td>STEL</td>
<td>2 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Rosin (8050-09-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silver (7440-22-4)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
### Mexico. Occupational Exposure Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tin (7440-31-5)</td>
<td>STEL</td>
<td>4 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>2 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

#### Engineering controls
Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust. Shower, hand and eye washing facilities near the workplace are recommended.

#### Personal protective equipment

**Eye / face protection**
Wear safety glasses with side shields (or goggles).

**Skin protection**
Chemical resistant clothing is recommended.

**Respiratory protection**
Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the TLV. In a confined space a supplied respirator may be required. Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**General hygiene considerations**
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical & Chemical Properties

**Appearance**
Gray solid.

**Color**
Gray.

**Odor**
Odorless.

**Odor threshold**
Not available.

**Physical state**
Solid.

**Form**
Wire.

**pH**
Not available.

**Melting point**
Not available.

**Freezing point**
Not available.

**Boiling point**
Not available.

**Flash point**
Not available.

**Evaporation rate**
Not available.

**Flammability limits in air, upper, % by volume**
Not available.

**Flammability limits in air, lower, % by volume**
Not available.

**Vapor pressure**
Not available.

**Vapor density**
Not available.

**Specific gravity**
Not available.

**Solubility (water)**
Insoluble.

**Partition coefficient (n-octanol/water)**
Not available.

**Auto-ignition temperature**
Not available.

**Decomposition temperature**
Not available.

### 10. Chemical Stability & Reactivity Information

**Chemical stability**
Material is stable under normal conditions.

**Conditions to avoid**
Contact with incompatible materials.

**Incompatible materials**
Strong oxidizing agents. Strong acids.

**Hazardous decomposition products**
Melting solder may produce CO, CO2, lead oxide fumes.
11. Toxicological Information

**Toxicological data**

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver (7440-22-4)</td>
<td>Acute Dermal LD50 Rat: &gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

**Acute effects**
High concentrations of freshly formed fumes/dusts of metal oxides can produce symptoms of metal fume fever. When heated, the vapors/fumes given off may cause respiratory tract irritation.

**Local effects**
Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eye, mucous membranes and respiratory tract.

**Sensitization**
May cause allergic skin reaction.

**ACGIH Sensitizer**
Rosin (CAS 8050-09-7) Sensitiser.

**Chronic effects**
Prolonged exposure may cause chronic effects. Ingestion of silver may cause a permanently benign bluish gray discoloration to the skin (argyria). Symptoms of chronic ingestion of dusts or particulates generated by the flux coating on the flux coated products may include kidney damage, asthma, and pain in the joints and muscles.

**Carcinogenicity**
Not classifiable as to carcinogenicity to humans.

**ACGIH Carcinogens**
Nickel (CAS 7440-02-0) A5 Not suspected as a human carcinogen.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
Nickel (CAS 7440-02-0) 2B Possibly carcinogenic to humans.

**US NTP Report on Carcinogens: Anticipated carcinogen**
Nickel (CAS 7440-02-0) Anticipated carcinogen.

**US NTP Report on Carcinogens: Known carcinogen**
Nickel (CAS 7440-02-0) Known carcinogen.

**Epidemiology**
No data available.

**Mutagenicity**
No data available.

**Reproductive effects**
No data available.

**Further information**
No other specific acute or chronic health impact noted.

12. Ecological Information

**Ecotoxicological data**

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (7440-36-0)</td>
<td>LC50 Sheephead minnow (Cyprinodon variegatus): 6.2 - 8.3 mg/l 96 hours</td>
</tr>
<tr>
<td>Rosin (8050-09-7)</td>
<td>EC50 Daphnia: 4.5 mg/l 48 Hours</td>
</tr>
</tbody>
</table>

**Ecotoxicity**
Alloys in massive forms present a limited hazard for the environment.

**Environmental effects**
Significant environmental persistence and bioaccumulation can be expected.

**Aquatic toxicity**
May cause long lasting harmful effects to aquatic life.

**Persistence and degradability**
The product is not biodegradable.

**Bioaccumulation / Accumulation**
The product contains potentially bioaccumulating substances.

**Partition coefficient (n-octanol/water)**
Not available.

**Mobility in environmental media**
Alloys in massive forms are not mobile in the environment.

13. Disposal Considerations

**Waste codes**
D011: Waste Silver

**Disposal instructions**
Dispose in accordance with all applicable regulations.

**Waste from residues / unused products**
Scrapped material should be sent for refining to recover precious metal content. Solid metal and alloys in the form of particles may be reactive. Its hazardous characteristics, including fire and explosion, should be determined prior to disposal.
14. Transport Information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

TDG
Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

US CAA Section 112 Hazardous Air Pollutants (HAPs) List
ANTIMONY COMPOUNDS (CAS 7440-36-0)
NICKEL COMPOUNDS (CAS 7440-02-0)

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration
Antimony (CAS 7440-36-0) 1.0 %
Copper (CAS 7440-50-8) 1.0 %
Nickel (CAS 7440-02-0) 0.1 %
Silver (CAS 7440-22-4) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
Antimony (CAS 7440-36-0) Listed.
Copper (CAS 7440-50-8) Listed.
Nickel (CAS 7440-02-0) Listed.
Silver (CAS 7440-22-4) Listed.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
Antimony: 5000
Copper: 5000
Silver: 1000
Nickel: 100

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A)
No

Section 311/312 (40 CFR 370)
Yes

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)
Not controlled

Canadian regulations
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status
Controlled

WHMIS classification
D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC

WHMIS labeling

Bridgit® Silver Solder - Rosin Core
903583 Version #: 01 Revision date: 11-08-2011 Print date: 11-08-2011
Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSSL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Used for plumbing applications. All solders used for plumbing applications must meet the AB1953 State of California No Lead Law (NSF ANSI Standard 61 Annex G) testing and certification.

US - California Hazardous Substances (Director's): Listed substance

- Antimony (CAS 7440-36-0) Listed.
- Copper (CAS 7440-50-8) Listed.
- Nickel (CAS 7440-02-0) Listed.
- Rosin (CAS 8050-09-7) Listed.
- Silver (CAS 7440-22-4) Listed.
- Tin (CAS 7440-31-5) Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

- Nickel (CAS 7440-02-0) Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

- Nickel (CAS 7440-02-0) Listed: October 1, 1989 Carcinogenic.

US - Massachusetts RTK - Substance: Listed substance

- Antimony (CAS 7440-36-0) Listed.
- Copper (CAS 7440-50-8) Listed.
- Nickel (CAS 7440-02-0) Listed.
- Silver (CAS 7440-22-4) Listed.
- Tin (CAS 7440-31-5) Listed.

US - New Jersey Community RTK (EHS Survey): Reportable threshold

- Antimony (CAS 7440-36-0) 500 LBS
- Copper (CAS 7440-50-8) 500 LBS
- Nickel (CAS 7440-02-0) 500 LBS
- Silver (CAS 7440-22-4) 500 LBS

US - New Jersey RTK - Substances: Listed substance

- Antimony (CAS 7440-36-0) Listed.
- Copper (CAS 7440-50-8) Listed.
- Nickel (CAS 7440-02-0) Listed.
- Silver (CAS 7440-22-4) Listed.
- Tin (CAS 7440-31-5) Listed.

US - Pennsylvania RTK - Hazardous Substances: All compounds of this substance are considered environmental hazards

- Antimony (CAS 7440-36-0) LISTED
- Copper (CAS 7440-50-8) LISTED
- Nickel (CAS 7440-02-0) LISTED
- Silver (CAS 7440-22-4) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

- Antimony (CAS 7440-36-0) Listed.
- Copper (CAS 7440-50-8) Listed.
- Nickel (CAS 7440-02-0) Listed.
- Rosin (CAS 8050-09-7) Listed.
- Silver (CAS 7440-22-4) Listed.
- Tin (CAS 7440-31-5) Listed.

US - Pennsylvania RTK - Hazardous Substances: Special hazard

- Nickel (CAS 7440-02-0) Special hazard.

Mexico regulations

This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

- Health: 2*
- Flammability: 0
- Physical hazard: 0
NFPA ratings

- Health: 2
- Flammability: 0
- Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Issue date

11-08-2011