1 Identification

- **Product identifier**
  - **Trade name:** 40783 Copperweld Weld Thru Primer
  - **Application of the substance / the mixture** Coating

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**
    SEM Products Inc.
    1685 Overview Drive
    Rock Hill, SC  29730
    803 207 8225

- **Information department:**
  cust_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT
  - **Emergency telephone number:** CHEMTREC 1-800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**

  GHS08 Health hazard

  Muta. 1A  H340 May cause genetic defects.
  Carc. 2  H351 Suspected of causing cancer.
  Repr. 1  H360 May damage fertility or the unborn child.
  STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.

  GHS07

  Skin Irrit. 2  H315 Causes skin irritation.
  Eye Irrit. 2A H319 Causes serious eye irritation.
  STOT SE 3  H336 May cause drowsiness or dizziness.

- **Label elements**
  - **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms**

    GHS07  GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  Petroleum gases, liquefied, sweetened
  acetone
  toluene
  methyl acetate

- **Hazard statements**
  H315 Causes skin irritation.

(Contd. on page 2)
Trade name: 40783 Copperweld Weld Thru Primer

H319 Causes serious eye irritation.
H340 May cause genetic defects.
H351 Suspected of causing cancer.
H360 May damage fertility or the unborn child.
H336 May cause drowsiness or dizziness.
H373 May cause damage to the hearing organs through prolonged or repeated exposure.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of water.
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)

Health = 1
Fire = 4
Reactivity = 3

HMIS-ratings (scale 0 - 4)

Health = *1
Fire = 4
Reactivity = 3

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Composition/information on ingredients

Chemical characterization: Mixtures

Description:
Mixture: consisting of the following components.
Trade name: 40783 Copperweld Weld Thru Primer

Weight percentages

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th>Weight percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1 acetone</td>
<td>13 - 30%</td>
</tr>
<tr>
<td>68476-86-8 Petroleum gases, liquefied, sweetened</td>
<td>13 - 30%</td>
</tr>
<tr>
<td>79-20-9 methyl acetate</td>
<td>7 - 10%</td>
</tr>
<tr>
<td>7440-50-8 copper</td>
<td>7 - 10%</td>
</tr>
<tr>
<td>7440-66-6 zinc powder - zinc dust</td>
<td>7 - 10%</td>
</tr>
<tr>
<td>7440-66-6 toluene</td>
<td>7 - 10%</td>
</tr>
<tr>
<td>98-56-6 4-chloro-alpha, alpha, alpha-trifluorotoluene</td>
<td>1.5 - 5%</td>
</tr>
<tr>
<td>EPOXY RESIN</td>
<td>1.5 - 5%</td>
</tr>
<tr>
<td>1330-20-7 xylene</td>
<td>1.5 - 5%</td>
</tr>
<tr>
<td>12001-26-2 Mica</td>
<td>1 - 1.5%</td>
</tr>
<tr>
<td>100-41-4 ethylbenzene</td>
<td>≤1%</td>
</tr>
<tr>
<td>143860-04-2 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine</td>
<td>≤1%</td>
</tr>
</tbody>
</table>

4 First-aid measures

· Description of first aid measures
  · General information: Immediately remove any clothing soiled by the product.
  · After inhalation: In case of unconsciousness place patient stably in side position for transportation.
  · After skin contact: Immediately wash with water and soap and rinse thoroughly.
  · After eye contact:
    Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  · After swallowing: If symptoms persist consult doctor.
  · Information for doctor:
    · Most important symptoms and effects, both acute and delayed No further relevant information available.
    · Indication of any immediate medical attention and special treatment needed
    No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
  · Suitable extinguishing agents:
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  · Special hazards arising from the substance or mixture
    During heating or in case of fire poisonous gases are produced.
  · Advice for firefighters
  · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  Mount respiratory protective device.
· Environmental precautions: Do not allow to enter sewers/ surface or ground water.
· Methods and material for containment and cleaning up:
  Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
7 Handling and storage

· Handling:
· Precautions for safe handling
  No special measures required.
  Ensure good ventilation/exhaustion at the workplace.
  Open and handle receptacle with care.
· Information about protection against explosions and fires:
  Do not spray on a naked flame or any incandescent material.
  Keep respiratory protective device available.
  Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
· Conditions for safe storage, including any incompatibilities
· Storage:
· Requirements to be met by storerooms and receptacles:
  Observe official regulations on storing packagings with pressurized containers.
· Information about storage in one common storage facility: Not required.
· Further information about storage conditions: Keep receptacle tightly sealed.
· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.
· Control parameters
· Components with limit values that require monitoring at the workplace:
  The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
  At this time, the other constituents have no known exposure limits.

67-64-1 acetone

<table>
<thead>
<tr>
<th>Limit Value</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
<td>Long-term value: 2400 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>REL</td>
<td>Long-term value: 590 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>TLV</td>
<td>Short-term value: 1187 mg/m³, 500 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 594 mg/m³, 250 ppm</td>
</tr>
</tbody>
</table>

BEI

79-20-9 methyl acetate

<table>
<thead>
<tr>
<th>Limit Value</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
<td>Long-term value: 610 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>REL</td>
<td>Short-term value: 760 mg/m³, 250 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 610 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>TLV</td>
<td>Short-term value: 757 mg/m³, 250 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 606 mg/m³, 200 ppm</td>
</tr>
</tbody>
</table>
### 7440-50-8 copper

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 1* 0.1** mg/m³ as Cu *dusts and mists **fume</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Long-term value: 1* 0.1** mg/m³ as Cu *dusts and mists **fume</td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 1* 0.2** mg/m³ *dusts and mists; **fume; as Cu</td>
</tr>
</tbody>
</table>

### 108-88-3 toluene

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 200 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Short-term value: 560 mg/m³, 150 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 375 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 75 mg/m³, 20 ppm</td>
</tr>
<tr>
<td></td>
<td>BEI</td>
</tr>
</tbody>
</table>

### 1330-20-7 xylene

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 435 mg/m³, 100 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Short-term value: 655 mg/m³, 150 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>TLV</td>
<td>Short-term value: 651 mg/m³, 150 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 434 mg/m³, 100 ppm</td>
</tr>
<tr>
<td></td>
<td>BEI</td>
</tr>
</tbody>
</table>

### 12001-26-2 Mica

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 20 mppcf ppm &lt;1% crystalline silica</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Long-term value: 3* mg/m³ *respirable dust; containing &lt; 1% quartz</td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 3* mg/m³ *as respirable fraction</td>
</tr>
</tbody>
</table>

### 100-41-4 ethylbenzene

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 435 mg/m³, 100 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Short-term value: 545 mg/m³, 125 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 87 mg/m³, 20 ppm</td>
</tr>
<tr>
<td></td>
<td>BEI</td>
</tr>
</tbody>
</table>

### Ingredients with biological limit values:

#### 67-64-1 acetone

<table>
<thead>
<tr>
<th>BEI</th>
<th>50 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>urine</td>
</tr>
<tr>
<td>Time</td>
<td>end of shift</td>
</tr>
<tr>
<td>Parameter:</td>
<td>Acetone (nonspecific)</td>
</tr>
</tbody>
</table>
### 108-88-3 toluene

<table>
<thead>
<tr>
<th>BEI</th>
<th>0.02 mg/L</th>
<th>Medium: blood</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.03 mg/L</td>
<td>Medium: urine</td>
</tr>
</tbody>
</table>

**Time:** prior to last shift of workweek
**Parameter:** Toluene

<table>
<thead>
<tr>
<th>BEI</th>
<th>0.3 mg/g creatinine</th>
<th>Medium: urine</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.03 mg/L</td>
<td>Medium: urine</td>
</tr>
</tbody>
</table>

**Time:** end of shift
**Parameter:** Toluene

<table>
<thead>
<tr>
<th>BEI</th>
<th>1.5 g/g creatinine</th>
<th>Medium: urine</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.7 g/g creatinine</td>
<td>Medium: urine</td>
</tr>
</tbody>
</table>

**Time:** end of shift at end of workweek
**Parameter:** Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

### 1330-20-7 xylene

<table>
<thead>
<tr>
<th>BEI</th>
<th>1.5 g/g creatinine</th>
<th>Medium: urine</th>
</tr>
</thead>
</table>

**Time:** end of shift
**Parameter:** Methylhippuric acids

### 100-41-4 ethylbenzene

<table>
<thead>
<tr>
<th>BEI</th>
<th>0.7 g/g creatinine</th>
<th>Medium: urine</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.7 g/g creatinine</td>
<td>Medium: end-exhaled air</td>
</tr>
</tbody>
</table>

**Time:** not critical
**Parameter:** Ethyl benzene (semi-quantitative)

**Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Store protective clothing separately.
  - Avoid contact with the eyes and skin.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
  - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Protective gloves**
Trade name: 40783 Copperweld Weld Thru Primer

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**
  The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**
  Safety glasses

  ![Tightly sealed goggles](image)

---

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
  - **Appearance:**
    - Form: Aerosol
    - Color: According to product specification
  - **Odor:** Characteristic
  - **Odor threshold:** Not determined.
  - **pH-value:** Not determined.

- **Change in condition**
  - **Melting point/Melting range:** Undetermined.
  - **Boiling point/Boiling range:** <-17 °C

- **Flash point:** <-17 °C

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 455 °C

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard. In use, may form flammable/explosive vapour-air mixture.

- **Explosion limits:**
  - Lower: 1.9 Vol %
  - Upper: 16.0 Vol %

- **Vapor pressure at 20 °C:** 233 hPa

- **Density at 20 °C:** 0.886 g/cm³

- **Relative density**
  - Not determined.

- **Vapor density**
  - Not determined.

- **Evaporation rate**
  - Not applicable.
Solubility in / Miscibility with Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:
- Dynamic: Not determined.
- Kinematic: Not determined.

Solvent content:
- Organic solvents: 75.9 %
- VOC content: 35.1 %
  311.1 g/l / 2.60 lb/gl

Solids content: 24.0 %

Other information: No further relevant information available.

10 Stability and reactivity
- Reactivity: No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information
- Information on toxicological effects
- Acute toxicity:
- LD/LC50 values that are relevant for classification:
  108-88-3 toluene
  - Oral LD50 5000 mg/kg (rat)
  - Dermal LD50 12124 mg/kg (rabbit)
  - Inhalative LC50/4 h 5320 mg/l (mouse)

- Primary irritant effect:
  - on the skin: Irritant to skin and mucous membranes.
  - on the eye: Irritating effect.
  - Sensitization: No sensitizing effects known.
- Additional toxicological information:
  The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    - 108-88-3 toluene 3
    - 1330-20-7 xylene 3
    - 100-41-4 ethylbenzene 2B
12 Ecological information

- **Toxicity**
  - **Aquatic toxicity**: No further relevant information available.
  - **Persistence and degradability**: No further relevant information available.
  - **Behavior in environmental systems**:
  - **Bioaccumulative potential**: No further relevant information available.
  - **Mobility in soil**: No further relevant information available.
- **Additional ecological information**:
  - **General notes**:
    - Water hazard class 2 (Self-assessment): hazardous for water
    - Do not allow product to reach ground water, water course or sewage system.
    - Danger to drinking water if even small quantities leak into the ground.
  - **Results of PBT and vPvB assessment**
    - **PBT**: Not applicable.
    - **vPvB**: Not applicable.
- **Other adverse effects**: No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**:
  - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**:
- **Recommendation**: Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
  - **DOT, ADR, IMDG, IATA**: UN1950
- **UN proper shipping name**
  - **DOT**: Aerosols, flammable
  - **ADR**: 1950 Aerosols, ENVIRONMENTALLY HAZARDOUS
  - **IMDG**: AEROSOLS
  - **IATA**: AEROSOLS, flammable

* (Contd. on page 10)
**Trade name: 40783 Copperweld Weld Thru Primer**

<table>
<thead>
<tr>
<th>Transport hazard class(es)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td></td>
</tr>
<tr>
<td>Class 2.1</td>
<td></td>
</tr>
<tr>
<td>Label 2.1</td>
<td></td>
</tr>
</tbody>
</table>

| ADR                       |  |
| Class 2.1                 |  |
| Label 2.1                 |  |

| IMDG, IATA                |  |
| Class 2.1                 |  |
| Label 2.1                 |  |

| Packing group             | Void |
| DOT, ADR, IMDG, IATA      |  |

| Environmental hazards:    |  |
| Marine pollutant:         | No (DOT) |
| Special marking (ADR):    | Symbol (fish and tree) |

| Special precautions for user | Warning: Gases |
| Stowage Code                 | SW1 Protected from sources of heat. |
| SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. |
| Segregation Code            | SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. |

| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
Trade name: 40783 Copperweld Weld Thru Primer

· **Transport/Additional information:**
  · **DOT**
    · **Quantity limitations**
      On passenger aircraft/rail: 75 kg
      On cargo aircraft only: 150 kg
    · **Remarks**
      ORM-D 49CFR 173.150,156,306
      Special marking with the symbol (fish and tree).
  · **ADR**
    · **Excepted quantities (EQ)**
      Code: E0
      Not permitted as Excepted Quantity
  · **IMDG**
    · **Limited quantities (LQ)**
      1L
    · **Excepted quantities (EQ)**
      Code: E0
      Not permitted as Excepted Quantity

- **UN "Model Regulation":**
  UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

*15 Regulatory information*

· Safety, health and environmental regulations/legislation specific for the substance or mixture
  · **Sara**
    · **Section 355 (extremely hazardous substances):**
      None of the ingredient is listed.
    · **Section 313 (Specific toxic chemical listings):**
      7440-50-8 copper
      7440-66-6 zinc powder -zinc dust
      108-88-3 toluene
      1330-20-7 xylene
      100-41-4 ethylbenzene
      7429-90-5 aluminium
      122-99-6 2-Phenoxyethanol
      COBALT CARBOXYLATE
      104-68-7 Diethylene glycol monophenyl ether
  · **TSCA (Toxic Substances Control Act):**
    67-64-1 acetone
    68476-86-8 Petroleum gases, liquefied, sweetened
    79-20-9 methyl acetate
    7440-50-8 copper
    7440-66-6 zinc powder -zinc dust
    108-88-3 toluene
    1330-20-7 xylene
    98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene
    1330-20-7 xylene
    123-86-4 n-butyl acetate
    100-41-4 ethylbenzene
Trade name: 40783 Copperweld Weld Thru Primer

143860-04-2 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine
90218-35-2 Dodecylbenzenesulfonic acid with 2-propanamine
67701-03-5 FATTY ACID
67762-90-7 FUMED SILICA
96-29-7 2-butanone oxime

· Proposition 65
  · Chemicals known to cause cancer:
    1330-20-7 xylene
    100-41-4 ethylbenzene
  · Chemicals known to cause reproductive toxicity for females:
    None of the ingredients is listed.
  · Chemicals known to cause reproductive toxicity for males:
    None of the ingredients is listed.
  · Chemicals known to cause developmental toxicity:
    108-88-3 toluene
  · Cancerogenity categories
    · EPA (Environmental Protection Agency)
      67-64-1 acetone I
      7440-50-8 copper D
      7440-66-6 zinc powder -zinc dust D, I, II
      108-88-3 toluene II
      1330-20-7 xylene I
      100-41-4 ethylbenzene D
    · TLV (Threshold Limit Value established by ACGIH)
      67-64-1 acetone A4
      108-88-3 toluene A4
      1330-20-7 xylene A4
      100-41-4 ethylbenzene A3
      7429-90-5 aluminium A4
    · NIOSH-Ca (National Institute for Occupational Safety and Health)
      None of the ingredients is listed.
    · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
    · Hazard pictograms
      ! GHS07  ! GHS08
    · Signal word Danger
    · Hazard-determining components of labeling:
      Petroleum gases, liquefied, sweetened
      acetone
      toluene

(Contd. on page 13)
Trade name: 40783 Copperweld Weld Thru Primer

methyl acetate

· **Hazard statements**
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
  H340 May cause genetic defects.
  H351 Suspected of causing cancer.
  H360 May damage fertility or the unborn child.
  H361 May cause drowsiness or dizziness.
  H373 May cause damage to the hearing organs through prolonged or repeated exposure.

· **Precautionary statements**
  P260 Do not breathe dust/fume/gas/mist/vapors/spray.
  P280 Wear protective gloves.
  P280 Wear eye protection / face protection.
  P264 Wash thoroughly after handling.
  P271 Use only outdoors or in a well-ventilated area.
  P201 Obtain special instructions before use.
  P202 Do not handle until all safety precautions have been read and understood.
  P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P321 Specific treatment (see on this label).
  P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  P312 Call a POISON CENTER/doctor if you feel unwell.
  P308+P313 IF exposed or concerned: Get medical advice/attention.
  P332+P313 If skin irritation occurs: Get medical advice/attention.
  P337+P313 If eye irritation persists: Get medical advice/attention.
  P314 Get medical advice/attention if you feel unwell.
  P302+P352 IF ON SKIN: Wash with plenty of water.
  P362+P364 Take off contaminated clothing and wash it before reuse.
  P405 Store locked up.
  P403+P233 Store in a well-ventilated place. Keep container tightly closed.
  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Environment protection department.
· **Contact:** Steve Gaver (sgaver@semproducts.com)
· **Date of preparation / last revision** 05/31/2016 / 7
· **Abbreviations and acronyms:**
  ICAO: International Civil Aviation Organisation
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
Trade name: 40783 Copperweld Weld Thru Primer

NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
evPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Muta. 1A: Germ cell mutagenicity – Category 1A
Carc. 2: Carcinogenicity – Category 2
Repr. 1: Reproductive toxicity – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

* Data compared to the previous version altered.