

## 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 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)

USA

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

(Contd. of page 1)

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 organs through prolonged or repeated exposure.

· **Precautionary statements**

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

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = *1
FIRE	4	Fire = 4
REACTIVITY	3	Reactivity = 3

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

**\* 3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:**

Mixture: consisting of the following components.  
Weight percentages

(Contd. on page 3)



Trade name: 40783 Copperweld Weld Thru Primer

(Contd. of page 2)

· **Dangerous components:**

67-64-1	acetone	13 - 30%
68476-86-8	Petroleum gases, liquefied, sweetened	13 - 30%
79-20-9	methyl acetate	7 - 10%
7440-50-8	copper	7 - 10%
7440-66-6	zinc powder -zinc dust	7 - 10%
108-88-3	toluene	5 - 7%
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	1.5 - 5%
	EPOXY RESIN	1.5 - 5%
1330-20-7	xylene	1.5 - 5%
12001-26-2	Mica	1-1.5%
100-41-4	ethylbenzene	≤1%
143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	≤1%

\* **4 First-aid measures**· **Description of first aid measures**

- **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:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

\* **6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **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.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

(Contd. on page 4)



Printing date 06/28/2017

Reviewed on 06/21/2017

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

(Contd. of page 3)

**· Protective Action Criteria for Chemicals**

**· PAC-1:**

67-64-1	acetone	200 ppm
79-20-9	methyl acetate	250 ppm
7440-50-8	copper	3 mg/m <sup>3</sup>
7440-66-6	zinc powder -zinc dust	6 mg/m <sup>3</sup>
108-88-3	toluene	67 ppm
1330-20-7	xylene	130 ppm
12001-26-2	Mica	9 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	5 ppm
100-41-4	ethylbenzene	33 ppm
67762-90-7	FUMED SILICA	120 mg/m <sup>3</sup>
96-29-7	2-butanone oxime	30 ppm
8052-41-3	Stoddard solvent	300 mg/m <sup>3</sup>
110-12-3	5-methylhexan-2-one	50 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
149-57-5	2-ethylhexanoic acid	15 mg/m <sup>3</sup>
57-55-6	Methyl glycol	30 mg/m <sup>3</sup>
78-83-1	butanol	150 ppm

**· PAC-2:**

67-64-1	acetone	3200* ppm
79-20-9	methyl acetate	1,700 ppm
7440-50-8	copper	33 mg/m <sup>3</sup>
7440-66-6	zinc powder -zinc dust	21 mg/m <sup>3</sup>
108-88-3	toluene	560 ppm
1330-20-7	xylene	920* ppm
12001-26-2	Mica	99 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	200 ppm
100-41-4	ethylbenzene	1100* ppm
67762-90-7	FUMED SILICA	1,300 mg/m <sup>3</sup>
96-29-7	2-butanone oxime	56 ppm
8052-41-3	Stoddard solvent	1,800 mg/m <sup>3</sup>
110-12-3	5-methylhexan-2-one	69 ppm
122-99-6	2-Phenoxyethanol	16 ppm
149-57-5	2-ethylhexanoic acid	99 mg/m <sup>3</sup>
57-55-6	Methyl glycol	1,300 mg/m <sup>3</sup>
78-83-1	butanol	1,300 ppm

**· PAC-3:**

67-64-1	acetone	5700* ppm
79-20-9	methyl acetate	10000* ppm
7440-50-8	copper	200 mg/m <sup>3</sup>
7440-66-6	zinc powder -zinc dust	120 mg/m <sup>3</sup>

(Contd. on page 5)



Trade name: 40783 Copperweld Weld Thru Primer

(Contd. of page 4)

108-88-3	toluene	3700* ppm
1330-20-7	xylene	2500* ppm
12001-26-2	Mica	590 mg/m <sup>3</sup>
123-86-4	n-butyl acetate	3000* ppm
100-41-4	ethylbenzene	1800* ppm
67762-90-7	FUMED SILICA	7,900 mg/m <sup>3</sup>
96-29-7	2-butanone oxime	250 ppm
8052-41-3	Stoddard solvent	29500** mg/m <sup>3</sup>
110-12-3	5-methylhexan-2-one	190 ppm
122-99-6	2-Phenoxyethanol	97 ppm
149-57-5	2-ethylhexanoic acid	590 mg/m <sup>3</sup>
57-55-6	Methyl glycol	7,900 mg/m <sup>3</sup>
78-83-1	butanol	8000* ppm

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.  
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

PEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV	Short-term value: 1187 mg/m <sup>3</sup> , 500 ppm Long-term value: 594 mg/m <sup>3</sup> , 250 ppm
BEI	

(Contd. on page 6)



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

(Contd. of page 5)

**79-20-9 methyl acetate**

PEL Long-term value: 610 mg/m<sup>3</sup>, 200 ppm  
REL Short-term value: 760 mg/m<sup>3</sup>, 250 ppm  
Long-term value: 610 mg/m<sup>3</sup>, 200 ppm  
TLV Short-term value: 757 mg/m<sup>3</sup>, 250 ppm  
Long-term value: 606 mg/m<sup>3</sup>, 200 ppm

**7440-50-8 copper**

PEL Long-term value: 1\* 0.1\*\* mg/m<sup>3</sup>  
as Cu \*dusts and mists \*\*fume  
REL Long-term value: 1\* 0.1\*\* mg/m<sup>3</sup>  
as Cu \*dusts and mists \*\*fume  
TLV Long-term value: 1\* 0.2\*\* mg/m<sup>3</sup>  
\*dusts and mists; \*\*fume; as Cu

**108-88-3 toluene**

PEL Long-term value: 200 ppm  
Ceiling limit value: 300; 500\* ppm  
\*10-min peak per 8-hr shift  
REL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm  
TLV Long-term value: 75 mg/m<sup>3</sup>, 20 ppm  
BEI

**1330-20-7 xylene**

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
BEI

**12001-26-2 Mica**

PEL Long-term value: 20 mppcf ppm  
<1% crystalline silica  
REL Long-term value: 3\* mg/m<sup>3</sup>  
\*respirable dust; containing < 1% quartz  
TLV Long-term value: 3\* mg/m<sup>3</sup>  
\*as respirable fraction

**100-41-4 ethylbenzene**

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
REL Short-term value: 545 mg/m<sup>3</sup>, 125 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
TLV Long-term value: 87 mg/m<sup>3</sup>, 20 ppm  
BEI

(Contd. on page 7)



Printing date 06/28/2017

Reviewed on 06/21/2017

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

(Contd. of page 6)

**· Ingredients with biological limit values:**

**67-64-1 acetone**

BEI 50 mg/L  
Medium: urine  
Time: end of shift  
Parameter: Acetone (nonspecific)

**108-88-3 toluene**

BEI 0.02 mg/L  
Medium: blood  
Time: prior to last shift of workweek  
Parameter: Toluene

0.03 mg/L  
Medium: urine  
Time: end of shift  
Parameter: Toluene

0.3 mg/g creatinine  
Medium: urine  
Time: end of shift  
Parameter: o-Cresol with hydrolysis (background)

**1330-20-7 xylene**

BEI 1.5 g/g creatinine  
Medium: urine  
Time: end of shift  
Parameter: Methylhippuric acids

**100-41-4 ethylbenzene**

BEI 0.7 g/g creatinine  
Medium: urine  
Time: end of shift at end of workweek  
Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-  
Medium: end-exhaled air  
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.

(Contd. on page 8)



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

(Contd. of page 7)

· **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

*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 break through 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

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

<b>Form:</b>	Aerosol
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	<-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:**

<b>Lower:</b>	1.9 Vol %
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(Contd. on page 9)





Trade name: 40783 Copperweld Weld Thru Primer

(Contd. of page 8)

<b>Upper:</b>	16.0 Vol %
· <b>Vapor pressure at 20 °C:</b>	233 hPa
· <b>Density at 20 °C:</b>	0.886 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	75.9 %
<b>VOC content:</b>	35.1 %
	311.1 g/l / 2.60 lb/gal
· <b>Solids content:</b>	24.0 %
· <b>Other information</b>	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:

(Contd. on page 10)



Printing date 06/28/2017

Reviewed on 06/21/2017

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

(Contd. of page 9)

*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
	BENTONITE	suspected carcinogen <2% 14808-60-7

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**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

(Contd. on page 11)

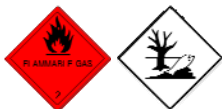
**Trade name: 40783 Copperweld Weld Thru Primer**

(Contd. of page 10)

· **IMDG** AEROSOLS  
· **IATA** AEROSOLS, flammable

· **Transport hazard class(es)**

· **DOT**



· **Class** 2.1  
· **Label** 2.1

· **ADR**



· **Class** 2 5F Gases  
· **Label** 2.1

· **IMDG, IATA**



· **Class** 2.1  
· **Label** 2.1

· **Packing group**

· **DOT, ADR, IMDG, IATA** Void

· **Environmental hazards:**

· **Marine pollutant:** No  
Yes (DOT)

· **Special marking (ADR):** Symbol (fish and tree)

· **Special precautions for user**

· **EMS Number:**

· **Stowage Code**

Warning: Gases

F-D,S-U

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.

(Contd. on page 12)



Printing date 06/28/2017

Reviewed on 06/21/2017

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

(Contd. of page 11)

· **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

98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene

1330-20-7 xylene

123-86-4 n-butyl acetate

100-41-4 ethylbenzene

(Contd. on page 13)



Printing date 06/28/2017

Reviewed on 06/21/2017

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

(Contd. of page 12)

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
64742-89-8	Solvent naphtha (petroleum), light aliph.
8052-41-3	Stoddard solvent
25265-78-5	Tetrapropylene-benzene
7429-90-5	aluminium
110-12-3	5-methylhexan-2-one
110-73-6	2-ethylaminoethanol
122-99-6	2-Phenoxyethanol
15956-58-8	Manganese 2-Ethylhexanoate
149-57-5	2-ethylhexanoic acid
57-55-6	Methyl glycol
78-83-1	butanol
104-68-7	Diethylene glycol monophenyl ether
7732-18-5	water

· **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
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· **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

(Contd. on page 14)

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

(Contd. of page 13)

· **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*

*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.*

*H336 May cause drowsiness or dizziness.*

*H373 May cause damage to organs through prolonged or repeated exposure.*

· **Precautionary statements**

*P201 Obtain special instructions before use.*

*P202 Do not handle until all safety precautions have been read and understood.*

*P260 Do not breathe dust/fume/gas/mist/vapors/spray.*

*P264 Wash thoroughly after handling.*

*P271 Use only outdoors or in a well-ventilated area.*

*P280 Wear protective gloves/protective clothing/eye protection/face protection.*

*P302+P352 IF ON SKIN: Wash with plenty of water.*

*P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

*P308+P313 IF exposed or concerned: Get medical advice/attention.*

*P312 Call a POISON CENTER/doctor if you feel unwell.*

*P314 Get medical advice/attention if you feel unwell.*

*P321 Specific treatment (see on this label).*

*P332+P313 If skin irritation occurs: Get medical advice/attention.*

*P337+P313 If eye irritation persists: Get medical advice/attention.*

*P362+P364 Take off contaminated clothing and wash it before reuse.*

*P403+P233 Store in a well-ventilated place. Keep container tightly closed.*

*P405 Store locked up.*

*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.

USA

(Contd. on page 15)

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

(Contd. of page 14)

## 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** 06/28/2017 / 8

· **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)

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

vPvB: 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.**