

# Safety Data Sheet

acc. to OSHA HCS

Printing date 09/25/2014

Revised On 09/25/2014

## 1 Identification of the substance and manufacturer

**Trade name:** COLD GALVANIZE GRAY

**Product code:** 19945

**Product category:** PC9a Paints and coatings.

**Manufacturer/Supplier:** Lawson Products, Inc.  
8770 W. Bryn Mawr Avenue  
Chicago, IL 60631  
USA  
phone: 773-304-5050  
888-426-4851

**Emergency telephone number:** 888-426-4851



## 2 Hazard(s) identification

### Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.

Press. Gas H280 Contains gas under pressure; may explode if heated.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

### GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

### Signal word

Danger

### Hazard statements

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes skin irritation.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

### Precautionary statements

Obtain special instructions before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

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

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

Use personal protective equipment as required.

Do not breathe dust/fume/gas/mist/vapours/spray.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If skin irritation occurs: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash before reuse.

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Specific treatment (see on this label).

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3 Composition/information on ingredients

**Chemical Description:** This product is a mixture of the substances listed below with nonhazardous additions.

### Dangerous components:

7440-66-6	zinc powder	46.15%
108-88-3	Toluene	22.2%
74-98-6	propane	12.6%
106-97-8	n-butane	7.4%
64742-47-8	Mineral Spirits	4.37%
67-63-0	isopropyl alcohol	2.08%

## 4 First-aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.  
Remove contaminated clothing. Wash exposed area with soap and water.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Rinse out mouth and then drink plenty of water.

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**Most important symptoms and effects:**  
**Indication of any immediate medical attention needed:**

Rinse mouth with water. Do not induce vomiting.

Dizziness

No further relevant information available.

## 5 Fire-fighting measures

**Extinguishing agents:**CO<sub>2</sub>, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards:**  
**Protective equipment for firefighters:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray. Can form explosive gas-air mixtures.

A respiratory protective device may be necessary.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.  
 Use respiratory protective device against the effects of fumes/dust/aerosol.

**Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to section 13.

## 7 Handling and storage

**Precautions for safe handling**

Use only in well ventilated areas.

**Storage requirements:**

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.  
 Store locked up.

## 8 Exposure controls/personal protection

**Components with limit values that require monitoring at the workplace:**

### 108-88-3 Toluene

PEL (USA) Long-term value: 200 ppm  
 Ceiling limit value: 300; 500\* ppm  
 \*10-min peak per 8-hr shift

REL (USA) Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

TLV (USA) Long-term value: 75 mg/m<sup>3</sup>, 20 ppm  
 BEI

### 74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

REL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

TLV (USA) refer to Appendix F

### 106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m<sup>3</sup>, 800 ppm

TLV (USA) Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm

### 67-63-0 isopropyl alcohol

PEL (USA) Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

REL (USA) Short-term value: 1225 mg/m<sup>3</sup>, 500 ppm  
 Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

TLV (USA) Short-term value: 984 mg/m<sup>3</sup>, 400 ppm  
 Long-term value: 492 mg/m<sup>3</sup>, 200 ppm  
 BEI

**Ingredients with biological limit values:**

### 108-88-3 Toluene

BEI (USA) 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)

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**67-63-0 isopropyl alcohol**

BEI (USA) 40 mg/L  
 Medium: urine  
 Time: end of shift at end of workweek  
 Parameter: Acetone (background, nonspecific)

**Hygienic protection:** Keep away from foodstuffs and animal feed. Wash hands after use.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands after use.  
 Avoid contact with the eyes and skin.  
 Do not eat or drink while working.

**Breathing equipment:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

**Hand protection:** Protective gloves. The glove material must be impermeable and resistant to the substance.

**Eye protection:** Tightly sealed goggles

**9 Physical and chemical properties**

**Appearance:** Aerosol.  
**Odor:** Aromatic  
**Odor threshold:** Not determined.  
**pH-value:** Not determined.  
**Melting point/Melting range** Undetermined.  
**Boiling point:** -44 °C (-47 °F)  
**Flash point:** -19 °C (-2 °F)  
**Flammability (solid, gas):** Extremely flammable.  
**Decomposition temperature:** Not determined.  
**Auto igniting:** Product is not self-igniting.  
**Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.  
**Lower Explosion Limit:** 1.7 Vol %  
**Upper Explosion Limit:** 10.9 Vol %  
**Vapor pressure:** Not determined.  
**Relative Density:** Between 0.77 and 0.85 (Water equals 1.00)  
**Vapour density** Not determined.  
**Evaporation rate** Not applicable.  
**Partition coefficient: n-octanol/water:** Not determined.  
**Solubility:** Not determined.  
**Viscosity:** Not determined.  
**VOC content:** 604.5 g/l / 5.04 lb/gl  
**VOC content (less exempt solvents):** 49.1 %  
**MIR Value:** 1.12  
**Solids content:** 51.0 %

**10 Stability and reactivity**

**Reactivity:** Stable at normal temperatures.  
**Conditions to avoid:** Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.  
**Chemical stability:** Not fully evaluated.  
**Possibility of hazardous reactions:** No dangerous reactions known.  
**Incompatible materials:** No further relevant information available.  
**Hazardous decomposition:** No dangerous decomposition products known.

**11 Toxicological information****LD/LC50 values that are relevant for classification:****106-97-8 n-butane**

Inhalative	LC50/4 h	658 mg/l (rat)
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**67-63-0 isopropyl alcohol**

Oral	LD50	4570 mg/kg (rat)
Dermal	LD50	13400 mg/kg (rab)
Inhalative	LC50/4 h	30 mg/l (rat)

**Information on toxicological effects:** No data available.  
**Sensitization:** No sensitizing effects known.

**Carcinogenic categories****IARC (International Agency for Research on Cancer)**

108-88-3	Toluene	3
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67-63-0 isopropyl alcohol

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**NTP (National Toxicology Program)**

None of the ingredients is listed.

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

7440-43-9 cadmium (non-pyrophoric)

**12 Ecological information**

**Aquatic toxicity:** Hazardous for water, do not empty into drains.  
**Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes.  
**Bioaccumulative potential:** No further relevant information available.  
**Mobility in soil:** No further relevant information available.  
**Other adverse effects:** No further relevant information available.

**13 Disposal considerations**

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.  
**Recommendation:** Completely empty cans should be recycled.

**14 Transport information**

**UN-Number** UN1950  
**DOT** Aerosols, flammable  
**ADR** 1950 Aerosols,  
**Transport hazard class(es):**  
**Class** 2.1  
**Marine pollutant:** Yes  
**Special marking (ADR):** Symbol (fish and tree)  
**Special precautions for user:** Symbol (fish and tree)  
**EMS Number:** Warning: Gases  
**Packaging Group:** F-D, S-U  
**UN "Model Regulation":** --  
 UN1950, Aerosols,

**15 Regulatory information****SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

**SARA Section 313 (Specific toxic chemical listings):**

7440-66-6 zinc powder

108-88-3 Toluene

67-63-0 isopropyl alcohol

1314-13-2 zinc oxide

**CPSC:** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.**California Proposition 65 chemicals known to cause cancer:**

None of the ingredients in this product are listed.

**California Proposition 65 chemicals known to cause developmental toxicity:**

108-88-3 Toluene

**EPA:**

7440-66-6 zinc powder

108-88-3 Toluene

1314-13-2 zinc oxide

D, I, II

II

D, I, II

**16 Other information****Contact:** Regulatory Affairs