

Safety Data Sheet

acc. to OSHA HCS

Printing date 12/10/2013

Revised On 12/10/2013

1 Identification of the substance and manufacturer

Trade name: SPRAY GALV PRIMER

Product code: 0000160845

Manufacturer/Supplier: Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178
Phone: 815-895-9101
www.seymourpaint.com

Emergency telephone number: CHEMTEL 1-800-255-3924, 813-248-0585 *if located outside the U.S.*



2 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	26.06%
108-88-3	Toluene	16.88%
74-98-6	propane	9.46%
110-19-0	isobutyl acetate	8.94%
106-97-8	n-butane	5.55%
64742-47-8	Mineral Spirits	5.16%

3 Hazard(s) identification

Hazard Information for people and the environment:

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.
Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame.
Has narcotizing effect.

Risk phrases:

Extremely flammable.
Irritating to eyes and respiratory system.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Possible risk of harm to the unborn child

Safety phrases:

Keep out of the reach of children.
Keep away from sources of ignition - No smoking.
Do not breathe gas/fumes/vapour/spray.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
Wear suitable protective clothing and gloves.
If swallowed, seek medical advice immediately and show this container or label.
Use only in well-ventilated areas.

Effects of chronic overexposure:

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

NFPA ratings (0 - 4):

Health = 1
Fire = 4
Reactivity = 3

HMIS-ratings (0 - 4):

Health= 1
Fire= 4
Physical Hazard= 3

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Contact physician or poison control center.

5 Fire-fighting measures

Extinguishing agents: CO₂, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards: No further relevant information available.
Protective equipment for firefighters: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Environmental precautions: Do not allow product to reach sewage systems or ground water.

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Methods and material for containment and cleaning up: Ensure adequate ventilation.

7 Handling and storage

Fire/explosion protection: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

Storage requirements: Observe pressurized container storage regulations. Consult with your local authorities.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

108-88-3 Toluene

PEL Short-term value: C 300; 500* ppm
Long-term value: 200 ppm
*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm

TLV Long-term value: 75 mg/m³, 20 ppm
BEI

74-98-6 propane

PEL Long-term value: 1800 mg/m³, 1000 ppm

REL Long-term value: 1800 mg/m³, 1000 ppm

TLV refer to Appendix F: minimal oxygen content

110-19-0 isobutyl acetate

PEL Long-term value: 700 mg/m³, 150 ppm

REL Long-term value: 700 mg/m³, 150 ppm

TLV Long-term value: 713 mg/m³, 150 ppm

106-97-8 n-butane

REL Long-term value: 1900 mg/m³, 800 ppm

TLV Short-term value: 2370 mg/m³, 1000 ppm

8052-41-3 Stoddard Solvent

PEL Long-term value: 2900 mg/m³, 500 ppm

REL Short-term value: C 1800* mg/m³
Long-term value: 350 mg/m³
*15-min

TLV Long-term value: 525 mg/m³, 100 ppm

Ingredients with biological limit values:

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)

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.

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. No glove recommendation can be given.

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Odor: Aromatic

pH-value: Not determined.

Boiling point: -44 °C (-47 °F)

Flash point: -19 °C (-2 °F)

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Auto igniting:	Product is not self-igniting.
Danger of explosion:	Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	Not determined.
Upper Explosion Limit:	Not determined.
Vapor Pressure:	40 PSI, 2750 hPa
Specific Gravity:	Between 0.77 and 0.85 (Water equals 1.00)
VOC content:	597.0 g/l / 4.98 lb/gl
VOC content (less exempt solvents):	47.5 %
MIR Value:	0.96
Solids content:	52.4 %
Other information	No further relevant information available.

10 Stability and reactivity

Conditions to avoid:	Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.
Hazardous decomposition:	No dangerous decomposition products known.

11 Toxicological information

Skin effects:	No irritant effect.
Eye effects:	Irritating effect.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	

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

108-88-3	Toluene	3
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NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity:	Hazardous for water, do not empty into drains.
Other information:	This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

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	Consumer Commodity ORM-D AEROSOLS, flammable
Class	2.1
Marine pollutant:	Symbol (fish and tree)
EMS Number:	F-D,S-U
Packaging Group:	--

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

TSCA: All ingredients are listed.**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 know to cause developmental toxicity:

WHMIS Symbols for Canada:	108-88-3 Toluene A - Compressed gas
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D2A - Very toxic material causing other toxic effects

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**EPA:**

7440-66-6	zinc powder	II
108-88-3	Toluene	II
110-19-0	isobutyl acetate	D

ACGIH:

108-88-3	Toluene	A4
110-19-0	isobutyl acetate	A4

NIOSH:

7440-43-9	cadmium (non-pyrophoric)
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16 Other information

This product was manufactured in the U.S.A.

The information on this sheet 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.

Contact: Regulatory Affairs

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 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)
 TSCA: Toxic Substances Control Act
 CPSC: Consumer Product Safety Commission
 EPA: Environmental Protection Agency
 IARC: International Agency for the Research of Cancer
 NIOSH: National Institute for Occupational Safety and Health

USA