

SAFETY DATA SHEET

Date of issue: 05/06/2015
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Section 1: Identification

Trade name: COLD GALV
Product code: GB00161445
Product category: PC9a Paints and coatings.
Manufacturer/Supplier: Grabber Construction Products
 5255 West 11000 North
 Highland, Utah 1-800-477-TURN
 www.grabberman.com
Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

Section 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.
 Carc. 2 H351 Suspected of causing cancer.
 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.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.

GHS Hazard pictograms



Signal word

Hazard statements

Precautionary statements

Danger
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated. Causes skin irritation.
 Causes serious eye irritation. Suspected of causing cancer.
 Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.
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.
 Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Wear protective gloves.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a poison center/doctor if you feel unwell.
 If skin irritation occurs: Get medical advice/attention. If on skin: Wash with plenty of water.
 If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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.

Section 3: Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description:

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:		
108-88-3	Toluene	24.34%
7440-66-6	zinc powder	22.49%
74-98-6	propane	12.6%
106-97-8	n-butane	7.4%
64742-47-8	Mineral Spirits	3.46%
67-63-0	isopropyl alcohol	2.28%
872-50-4	N-methyl-2-pyrrolidone	0.15%

Section 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:

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

After swallowing:

Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects:

Dizziness

Indication of any immediate medical attention needed:

No further relevant information available.

Section 5: Fire-Fighting Measures

Extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with waterspray.

Special hazards:

Can form explosive gas-air mixtures.

Protective equipment for firefighters:

A respiratory protective device may be necessary.

Section 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:

Ensure adequate ventilation.
Dispose contaminated material as waste according to section 13.

Section 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.

Section 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
REL (USA)	value: 300; 500* ppm *10-min peak per 8-hr shift
TLV (USA)	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
74-98-6 propane	
PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m ³ ,
TLV (USA)	1000 ppm refer to Appendix F
106-97-8 n-butane	
REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm
67-63-0 isopropyl alcohol	
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI
872-50-4 N-methyl-2-pyrrolidone	
WEEL (USA)	Long-term value: 10
Ingredients with biological limit values:	
108-88-3 Toluene	
BEI (USA)	1.2 m g / L M e d i u m : b l
67-63-0 isopropyl alcohol	
BEI (USA)	4 0 m
872-50-4 N-methyl-2-pyrrolidone	
BEI (USA)	100 mg /L Me

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

Section 9: Physical and Chemical Properties

Appearance:	Aerosol.
Odor:	Solvent
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:	612.1 g/l / 5.11 lb/gl
VOC content (less exempt solvents):	50.2%
MIR Value:	1.20
Solids content:	49.8%

Section 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.

Section 11: Toxicological Information

LD/LC50 values that are relevant for classification:		
106-97-8 n-butane		
Inhalative	LC50/4 h	658 mg/l (rat)
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)
872-50-4 N-methyl-2-pyrrolidone		
Oral	LD50	3600 mg/kg (rat)
Dermal	LD50	8000 mg/kg (rbt)

Information on toxicological effects: No data available.
Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.
Carcinogenic categories

IARC (International Agency for Research on Cancer)		
108-88-3	Toluene	3
67-63-0	isopropyl alcohol	3
NTP (National Toxicology Program)		
None of the ingredients is listed.		

Section 12: Ecological Information (non-mandatory)

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

Section 13: Disposal Considerations (non-mandatory)

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.

Section 14: Transport Information (non-mandatory)

UN-Number	UN1950
DOT	N/A
DOT	Consumer Commodity ORM-D Aerosols, flammable
ADR	1950 Aerosols, ENVIRONMENTALLY HAZARDOUS
Transport hazard class(es):	
Class	2.1
Marine pollutant:	No
Special precautions for user:	Warning: Gases
EMS Number:	F-D,S-U
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
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
Packaging Group:	--
UN "Model Regulation":	UN1950, Aerosols, ENVIRONMENTALLY HAZARDOUS, 2.1

Section 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):	
108-88-3	Toluene
7440-66-6	zinc powder
67-63-0	isopropyl alcohol

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:	
108-10-1	methyl isobutyl ketone

California Proposition 65 chemicals known to cause developmental toxicity:

108-88-3 Toluene
67-56-1 Methanol

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

EPA:		
108-88-3	Toluene	II
7440-66-6	zinc powder	D, I, II

Section 16: Other Information

Contact: Regulatory Affairs
Date of preparation / last revision 05/06/2015/-