

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/28/2014

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1 Identification of the substance and manufacturer

Trade name: SILVER TONE TRIM PAINT

Product code: 4201

Product category: Paints and coatings.

Manufacturer/Supplier: International Epoxies & Sealers
P.O. Box 185
San Antonio, FL 33576
Phone: 352-588-2400
www.useies.com

Emergency telephone number: INFOTRAC 1-800-535-5053, 1-352-323-3500 *if located outside the U.S.*

2 Hazard(s) identification

GHS Hazard pictograms



GHS02 GHS07 GHS08

Signal word

Danger

Hazard statements

Extremely flammable aerosol.
Causes serious eye 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.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not pierce or burn, even after use.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Precautionary statements

3 Composition/information on ingredients

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

Dangerous components:

67-64-1	Acetone	27.63%
74-98-6	propane	17.65%
108-10-1	methyl isobutyl ketone	12.04%
106-97-8	n-butane	10.36%
7429-90-5	Aluminum flake	4.19%
108-88-3	Toluene	3.68%
78-93-3	methyl ethyl ketone	3.43%
64-17-5	ethyl alcohol	3.12%
111-76-2	Glycol Ether EB	2.99%
108-21-4	isopropyl acetate	2.77%
64742-47-8	Mineral Spirits	1.8%
67-63-0	isopropyl alcohol	1.51%

4 First-aid measures

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

After swallowing: Do not induce vomiting; immediately call for medical help.
Rinse out mouth and then drink plenty of water.

5 Fire-fighting measures

Extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

Additional information: Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol.

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: Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling No special precautions are necessary if used correctly.

Fire/explosion protection: 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.
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:

67-64-1 Acetone

PEL (USA) Long-term value: 2400 mg/m³, 1000 ppm
REL (USA) Long-term value: 590 mg/m³, 250 ppm
TLV (USA) Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
Long-term value: (1188) NIC-475 mg/m³, (500) NIC-200 ppm
BEI

74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm
REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
TLV (USA) refer to Appendix F: minimal oxygen content

108-10-1 methyl isobutyl ketone

PEL (USA) Long-term value: 410 mg/m³, 100 ppm
REL (USA) Short-term value: 300 mg/m³, 75 ppm
Long-term value: 205 mg/m³, 50 ppm
TLV (USA) Short-term value: 307 mg/m³, 75 ppm
Long-term value: 82 mg/m³, 20 ppm
BEI

106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m³, 800 ppm
TLV (USA) Short-term value: 2370 mg/m³, 1000 ppm

7429-90-5 Aluminum flake

PEL (USA) Long-term value: 15*, 15** mg/m³
*Total dust; ** Respirable fraction
REL (USA) Long-term value: 10* 5** mg/m³
*Total dust **Respirable fraction
TLV (USA) Long-term value: 1* mg/m³
as Al; *as respirable fraction

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/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
TLV (USA) Long-term value: 75 mg/m³, 20 ppm
BEI

78-93-3 methyl ethyl ketone

PEL (USA) Long-term value: 590 mg/m³, 200 ppm
REL (USA) Short-term value: 885 mg/m³, 300 ppm
Long-term value: 590 mg/m³, 200 ppm
TLV (USA) Short-term value: 885 mg/m³, 300 ppm
Long-term value: 590 mg/m³, 200 ppm
BEI

64-17-5 ethyl alcohol

PEL (USA) Long-term value: 1900 mg/m³, 1000 ppm
REL (USA) Long-term value: 1900 mg/m³, 1000 ppm
TLV (USA) Short-term value: 1880 mg/m³, 1000 ppm

111-76-2 Glycol Ether EB

PEL (USA) Long-term value: 240 mg/m³, 50 ppm
Skin
REL (USA) Long-term value: 24 mg/m³, 5 ppm
Skin
TLV (USA) Long-term value: 97 mg/m³, 20 ppm
BEI

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108-21-4 isopropyl acetate

PEL (USA) Long-term value: 950 mg/m³, 250 ppm
 TLV (USA) Short-term value: 836 mg/m³, 200 ppm
 Long-term value: 418 mg/m³, 100 ppm

67-63-0 isopropyl alcohol

PEL (USA) Long-term value: 980 mg/m³, 400 ppm
 REL (USA) Short-term value: 1225 mg/m³, 500 ppm
 Long-term value: 980 mg/m³, 400 ppm
 TLV (USA) Short-term value: 984 mg/m³, 400 ppm
 Long-term value: 492 mg/m³, 200 ppm
 BEI

Ingredients with biological limit values:**67-64-1 Acetone**

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

108-10-1 methyl isobutyl ketone

BEI (USA) 1 mg/L
 Medium: urine
 Time: end of shift
 Parameter: MIBK

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)

78-93-3 methyl ethyl ketone

BEI (USA) 2 mg/L
 Medium: urine
 Time: end of shift
 Parameter: MEK

111-76-2 Glycol Ether EB

BEI (USA) 200 mg/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Butoxyacetic acid with hydrolysis

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:

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: Solvent
Odor threshold: Not determined.
pH-value: Not determined.
Boiling point: -44 °C (-47 °F)
Flash point: -19 °C (-2 °F)

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Flammability (solid, gaseous): Not applicable.

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: 1.5 Vol %

Upper Explosion Limit: 10.9 Vol %

Specific Gravity: 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.

VOC content: 601.8 g/l / 5.02 lb/gl

VOC content (less exempt solvents): 59.8 %

MIR Value: 1.29

Solids content: 12.6 %

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.

Possibility of hazardous reactions: No dangerous reactions known.

Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

Skin effects: No irritant effect.

Eye effects: Irritating effect.

Sensitization: No sensitizing effects known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

108-10-1	methyl isobutyl ketone	2B
108-88-3	Toluene	3
64-17-5	ethyl alcohol	1
111-76-2	Glycol Ether EB	3
67-63-0	isopropyl alcohol	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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

DOT, ADR: N/A

UN proper shipping name: Consumer Commodity ORM-D

DOT: Aerosols, flammable

ADR: 1950 Aerosols

Transport hazard class(es):

Class: 2.1

Marine pollutant: No

Special precautions for user: Warning: Gases

EMS Number: F-D,S-U

Packaging Group: --

UN "Model Regulation": UN1950, Aerosols, 2.1

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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):

108-10-1	methyl isobutyl ketone
7429-90-5	Aluminum flake
108-88-3	Toluene
78-93-3	methyl ethyl ketone
111-76-2	Glycol Ether EB
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
know to cause developmental
toxicity:**

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

EPA:

67-64-1	Acetone	I
108-10-1	methyl isobutyl ketone	I
108-88-3	Toluene	II
78-93-3	methyl ethyl ketone	I
111-76-2	Glycol Ether EB	NL

ACGIH:

67-64-1	Acetone	A4
7429-90-5	Aluminum flake	A4
108-88-3	Toluene	A4
64-17-5	ethyl alcohol	A3
111-76-2	Glycol Ether EB	A3
67-63-0	isopropyl alcohol	A4

NIOSH:

The following substances are regulated in the United States with reference to occupational exposure limits:

16 Other information

Contact: Regulatory Affairs