

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/28/2014

Revised On 01/28/2014

## 1 Identification of the substance and manufacturer

**Trade name:** JAMB-IT CLEAR  
**Product code:** 4205  
**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 skin irritation.  
 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	22.32%
74-98-6	propane	15.76%
110-19-0	isobutyl acetate	14.11%
108-88-3	Toluene	13.52%
2807-30-9	Glycol Ether EP	10.24%
106-97-8	n-butane	9.26%
1330-20-7	xylene (mix)	1.82%

## 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:** CO<sub>2</sub>, 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.  
**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:** No special precautions are necessary if used correctly.

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**Trade name: JAMB-IT CLEAR****Fire/explosion protection:**

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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/m<sup>3</sup>, 1000 ppm  
REL (USA) Long-term value: 590 mg/m<sup>3</sup>, 250 ppm  
TLV (USA) Short-term value: (1782) NIC-1187 mg/m<sup>3</sup>, (750) NIC-500 ppm  
Long-term value: (1188) NIC-475 mg/m<sup>3</sup>, (500) NIC-200 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: minimal oxygen content

**110-19-0 isobutyl acetate**

PEL (USA) Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
REL (USA) Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
TLV (USA) Long-term value: 713 mg/m<sup>3</sup>, 150 ppm

**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

**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

**1330-20-7 xylene (mix)**

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

**108-88-3 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)

**1330-20-7 xylene (mix)**

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

**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.

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**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.  
**Boiling point:** -110 °C (-166 °F)  
**Flash point:** -19 °C (-2 °F)  
**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:** 1.7 Vol %  
**Upper Explosion Limit:** 23.3 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:** 626.0 g/l / 5.22 lb/gl  
**VOC content (less exempt solvents):** 65.1 %  
**MIR Value:** 1.45  
**Solids content:** 11.1 %  
**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)

108-88-3	Toluene	3
1330-20-7	xylene (mix)	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:**  
**DOT** Consumer Commodity ORM-D  
 Aerosols, flammable, containing substances in Class 8, Packing Group I or II

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**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 (8)

## 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
1330-20-7	xylene (mix)

**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:

100-41-4	ethyl benzene
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### California Proposition 65 chemicals known to cause developmental toxicity:

108-88-3 Toluene

### EPA:

67-64-1	Acetone	I
110-19-0	isobutyl acetate	D
108-88-3	Toluene	II
1330-20-7	xylene (mix)	I

### ACGIH:

67-64-1	Acetone	A4
110-19-0	isobutyl acetate	A4
108-88-3	Toluene	A4
1330-20-7	xylene (mix)	A4

### NIOSH:

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

## 16 Other information

**Contact:** Regulatory Affairs