

# Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 11/16/2012

Revised On 11/16/2012

## 1 Identification of the substance and manufacturer

**Trade name:** GRAY ALUMINUM  
**Product code:** AE00010000  
**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 Hazards identification

### Hazard Information for people and the environment:

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 skin.

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

Flammability- 4

Physical Hazard-3

## 3 Composition/information on ingredients

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

### Dangerous components:

108-88-3	Toluene	23.16%
67-64-1	Acetone	18.24%
74-98-6	propane	15.75%
106-97-8	n-butane	9.25%
1330-20-7	xylene (mix)	7.56%
7429-90-5	Aluminum flake	5.17%
64742-89-8	Solvent naphtha (petroleum), light aliphatic	2.21%
100-41-4	ethyl benzene	1.66%

## 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.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:** Contact physician or poison control center.

## 5 Firefighting 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:** No further relevant information available.

**Protective equipment:** No special measures required.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

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**Environmental precautions:** Do not allow product to reach sewage systems or ground water.

**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.

**Conditions for safe storage:**  
**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/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

TLV 75 mg/m<sup>3</sup>, 20 ppm  
BEI

**67-64-1 Acetone**

PEL 2400 mg/m<sup>3</sup>, 1000 ppm

REL 590 mg/m<sup>3</sup>, 250 ppm

TLV 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 1800 mg/m<sup>3</sup>, 1000 ppm

REL 1800 mg/m<sup>3</sup>, 1000 ppm

TLV Varies mg/m<sup>3</sup>, 1000 ppm

**106-97-8 n-butane**

REL 1900 mg/m<sup>3</sup>, 800 ppm

TLV Varies mg/m<sup>3</sup>, 1000 ppm

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

PEL 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
BEI

**7429-90-5 Aluminum flake**

PEL 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

REL 10\* 5\*\* mg/m<sup>3</sup>  
Metal \*total dust \*\*respirable fraction

TLV 1\* mg/m<sup>3</sup>  
\*as respirable fraction

**100-41-4 ethyl benzene**

PEL 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 545 mg/m<sup>3</sup>, 125 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Short-term value: 543 mg/m<sup>3</sup>, 125 ppm  
Long-term value: 87 mg/m<sup>3</sup>, 20 ppm  
BEI

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**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)

**67-64-1 Acetone**

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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**1330-20-7 xylene (mix)**

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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**100-41-4 ethyl benzene**

BEI	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
-	Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

**Additional information:** The International Agency for Research on Cancer has evaluated ethylbenzene and classified it as a possible human carcinogen based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. However, a two year rat and mouse gavage study by the National Toxicology Program on mixed xylene isomers including 17% ethylbenzene showed no evidence of carcinogenicity.

**Hygienic protection:** Keep away from foodstuffs and animal feed. Wash hands after use. Avoid contact with the skin.

**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 has to be impermeable and resistant to the substance. No glove recommendation can be given.

**Eye protection:** Tightly sealed goggles

**9 Physical and chemical properties**

<b>Odor:</b>	Aromatic
<b>pH-value:</b>	Not determined.
<b>Boiling point:</b>	-44 °C (-47 °F)
<b>Flash point:</b>	-19 °C (-2 °F)
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.
<b>Lower Explosion Limit:</b>	1.7 Vol %
<b>Upper Explosion Limit:</b>	10.9 Vol %
<b>Vapor Pressure:</b>	40 PSI, 2750 hPa
<b>Specific Gravity:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>VOC content:</b>	573.5 g/l / 4.79 lb/gl
<b>VOC content (less exempt solvents):</b>	59.7 %
<b>MIR Value:</b>	1.87
<b>Solids content:</b>	22.1 %

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**Other information**

No further relevant information available.

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**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:** Irritant to skin and mucous membranes.

**Eye effects:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

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

108-88-3	Toluene	3
1330-20-7	xylene (mix)	3
100-41-4	ethyl benzene	2B

**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:** Product does not contain CFC's.  
This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

**13 Disposal considerations**

**DISPOSAL METHOD:** 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  
Consumer Commodity ORM-D

**Class:** 2.1

**Marine pollutant:** No

**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):**

108-88-3	Toluene
1330-20-7	xylene (mix)
7429-90-5	Aluminum flake
100-41-4	ethyl benzene

**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:**

100-41-4 ethyl benzene

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

108-88-3 Toluene

**WHMIS Symbols for Canada:**

B6 - Reactive flammable material  
D2A - Very toxic material causing other toxic effects



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**Canadian WHMIS:** D2A**EPA:**

108-88-3	Toluene	II
67-64-1	Acetone	I
1330-20-7	xylene (mix)	I
100-41-4	ethyl benzene	D

**IARC:**

Group 2A: The ingredient is probably carcinogenic to humans.

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

**ACGIH:**

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

108-88-3	Toluene	A4
67-64-1	Acetone	A4
1330-20-7	xylene (mix)	A4
7429-90-5	Aluminum flake	A4
100-41-4	ethyl benzene	A3

**NIOSH:**

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

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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:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
HMIS: Hazardous Materials Identification System (USA)  
ISO: International Organization for Standardization  
EPA: Environmental Protection Agency  
IARC: International Agency for the Research of Cancer  
NIOSH: National Institute for Occupational Safety and Health  
TSCA: Toxic Substances Control Act  
CPSC: Consumer Product Safety Commission

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