

Safety Data Sheet

Printing date 09/02/2015

Revised On 09/02/2015

1 Identification of the substance and manufacturer

Trade name: CLEAR G[®]
 Product code: 74182
 Product category: Paints and coatings.
 Supplier: IBS, INC.
 740 Clay Street NW
 Auburn, WA 98001
 Phone: 800-678-1906 www.industrialbolt.com
 CHEMTEL 1-800-255-3924

Emergency telephone number:



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.
 Skin Irrit. 2 H315 Causes skin irritation.
 STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Danger

Hazard statements

Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes skin irritation.

Precautionary statements

May cause damage to the hearing organs through prolonged or repeated exposure.
 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.
 Wear protective gloves.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 If skin irritation occurs: Get medical advice/attention.
 If on skin: Wash with plenty of water.
 Get medical advice/attention if you feel unwell.
 Specific treatment (see on this label).
 Take off contaminated clothing and wash it before reuse.
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 Store in a well-ventilated place.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

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:

64742-89-8	VM&P Naphtha	28.81%
74-98-6	propane	22.05%
106-97-8	n-butane	12.95%
142-82-5	heptane	10.97%
1330-20-7	xylene (mix)	6.08%
78-93-3	methyl ethyl ketone	2.62%
110-43-0	methyl n-amyl ketone	2.62%
100-41-4	ethyl benzene	1.07%

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.
 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.

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.

6 Accidental release measures

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

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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 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.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****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

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

142-82-5 heptane

PEL (USA) Long-term value: 2000 mg/m³, 500 ppm
 REL (USA) Long-term value: 350 mg/m³, 85 ppm
 Ceiling limit value: 1800* mg/m³, 440* ppm
 *15-min
 TLV (USA) Short-term value: 2050 mg/m³, 500 ppm
 Long-term value: 1640 mg/m³, 400 ppm

1330-20-7 xylene (mix)

PEL (USA) Long-term value: 435 mg/m³, 100 ppm
 REL (USA) Short-term value: 655 mg/m³, 150 ppm
 Long-term value: 435 mg/m³, 100 ppm
 TLV (USA) Short-term value: 651 mg/m³, 150 ppm
 Long-term value: 434 mg/m³, 100 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

110-43-0 methyl n-amyl ketone

PEL (USA) Long-term value: 465 mg/m³, 100 ppm
 REL (USA) Long-term value: 465 mg/m³, 100 ppm
 TLV (USA) Long-term value: 233 mg/m³, 50 ppm

100-41-4 ethyl benzene

EL (USA) Long-term value: 20 ppm
 IARC 2B
 PEL (USA) Long-term value: 435 mg/m³, 100 ppm
 REL (USA) Short-term value: 545 mg/m³, 125 ppm
 Long-term value: 435 mg/m³, 100 ppm
 TLV (USA) Long-term value: 87 mg/m³, 20 ppm
 BEI

Ingredients with biological limit values:**1330-20-7 xylene (mix)**

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

78-93-3 methyl ethyl ketone

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

100-41-4 ethyl benzene

BEI (USA) 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)

Hygienic protection: Wash hands after use.
 Do not eat or drink while working.

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Breathing equipment:

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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.
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:	1.1 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-octonal/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
VOC content:	590.2 g/l / 4.93 lb/gl
VOC content (less exempt solvents):	87.7 %
Solids content:	12.2 %

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.

11 Toxicological information**LD/LC50 values that are relevant for classification:****106-97-8 n-butane**

Inhalative LC50/4 h 658 mg/l (rat)

1330-20-7 xylene (mix)

Oral LD50 8700 mg/kg (rat)

Dermal LD50 2000 mg/kg (rbt)

Inhalative LC50/4 h 6350 mg/l (rat)

78-93-3 methyl ethyl ketone

Oral LD50 3300 mg/kg (rat)

Dermal LD50 5000 mg/kg (rbt)

100-41-4 ethyl benzene

Oral LD50 3500 mg/kg (rat)

Dermal LD50 17800 mg/kg (rbt)

Information on toxicological effects: No data available.**Skin effects:** No irritant effect.**Eye effects:** No irritating effect.**Sensitization:** No sensitizing effects known.**Carcinogenic categories****IARC (International Agency for Research on Cancer)**

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.**Persistence and degradability:** The product is degradable after prolonged exposure to natural weathering processes.

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Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Ecotoxicological effects:
Remark: Toxic for fish
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

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: Yes
 Symbol (fish and tree)
Special marking (ADR): Symbol (fish and tree)
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

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):

1330-20-7	xylene (mix)
78-93-3	methyl ethyl ketone
100-41-4	ethyl benzene

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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CANADIAN ENVIRONMENTAL PROTECTION ACT:

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

EPA:

142-82-5	heptane	D
1330-20-7	xylene (mix)	I
78-93-3	methyl ethyl ketone	I
100-41-4	ethyl benzene	D

16 Other information

Contact: Regulatory Affairs
Date of preparation / last revision 09/02/2015 / -