

# Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 10/06/2010

Revised On 10/06/2010

## 1 Identification of substance

**Trade name:** ALUMINUM BOAT GREEN  
**Product codes:** PG000M7363  
**Manufactured for:** Progress Brands, California Products Corp.  
 150 Dascomb Road  
 Andover, MA 01810  
 phone: 800-225-1141, www.californiapaints.com  
**Emergency information:** CHEMTEL: 1-800-255-3924  
 Outside the USA: 813-248-0585  
 Contract No. MIS0001450

## 2 Composition/Data on components

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

### Dangerous components:

67-64-1	Acetone	37.5%
74-98-6	propane	15.75%
106-97-8	n-butane	9.25%
1330-20-7	xylene (mix)	6.52%
110-43-0	heptan-2-one	5.44%
67-56-1	methanol	1.95%
100-41-4	ethyl benzene	1.84%
78-93-3	methyl ethyl ketone	1.69%

## 3 Hazards identification

### Hazard description:



Irritant  
Extremely flammable

### Physical dangers:

Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame.  
 Has narcotizing effect.  
 Extremely flammable.  
 Irritating to eyes.  
 Vapours may cause drowsiness and dizziness  
 Do not spray on a naked flame or any incandescent material.  
 Buildup of explosive mixtures possible without sufficient ventilation.

### 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  
 Fire= 4  
 Physical Hazard= 3

## 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:** Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
**After swallowing:** Contact physician or poison control center.

## 5 Fire fighting measures

**Extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.  
**Protective equipment:** No special measures required.

## 6 Accidental release measures

**Personal safety:** Wear protective equipment. Keep unprotected persons away.  
**Environmental safety:** Do not allow product to reach sewage systems or ground water.  
**Clean-up/collection:** 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.  
**Storage requirements:** Observe pressurized container storage regulations. Consult with your local authorities.

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## 8 Exposure controls and personal protection:

### Components with limit values that require monitoring at the workplace:

#### 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 mg/m<sup>3</sup>, 750 ppm  
 Long-term value: 1188 mg/m<sup>3</sup>, 500 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

#### 110-43-0 heptan-2-one

PEL 465 mg/m<sup>3</sup>, 100 ppm  
 REL 465 mg/m<sup>3</sup>, 100 ppm  
 TLV 233 mg/m<sup>3</sup>, 50 ppm

#### 67-56-1 methanol

PEL 260 mg/m<sup>3</sup>, 200 ppm  
 REL Short-term value: 325 mg/m<sup>3</sup>, 250 ppm  
 Long-term value: 260 mg/m<sup>3</sup>, 200 ppm  
 Skin  
 TLV Short-term value: 328 mg/m<sup>3</sup>, 250 ppm  
 Long-term value: 262 mg/m<sup>3</sup>, 200 ppm  
 Skin; BEI

#### 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: (434) NIC-217 mg/m<sup>3</sup>, (100) NIC-50 ppm  
 BEI, NIC-A3

#### 78-93-3 methyl ethyl ketone

PEL 590 mg/m<sup>3</sup>, 200 ppm  
 REL Short-term value: 885 mg/m<sup>3</sup>, 300 ppm  
 Long-term value: 590 mg/m<sup>3</sup>, 200 ppm  
 TLV Short-term value: 885 mg/m<sup>3</sup>, 300 ppm  
 Long-term value: 590 mg/m<sup>3</sup>, 200 ppm  
 BEI

#### Hygienic protection:

Keep away from foodstuffs and animal feed. Wash hands after use.

#### 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:

### General Information:

**Odor:** Aromatic  
**Boiling point:** -44°C (-47°F)

**Flash point:** -19°C (-2°F)

**Auto igniting:** Product is not self-igniting.

**Danger of explosion:** Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit.

In use, may form flammable/explosive vapour-air mixture.

**Lower Explosion Limit:** 1.7 Vol %

**Upper Explosion Limit:** 10.9 Vol %

**Vapor Pressure:** 40 PSI, 2750 hPa

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**Density at 20°C (68°F):** 0.78 g/cm<sup>3</sup>  
**Specific Gravity:** Between 0.77 and 0.85 (Water equals 1.00)  
**VOC content:** 525.5 g/l / 4.39 lb/gl  
**VOC content (less exempt solvents):** 42.4 %  
**MIR Value:** 1.11  
**Solids content:** 20.0 %

**10 Stability and reactivity:**

**Conditions to avoid:** Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.  
**Materials to be avoided:**  
**Hazardous Reactions:** No dangerous reactions known.

**11 Toxicological information:**

**Skin effects:** No irritant effect.  
**Eye effects:** Irritating effect.  
**Sensitization:** No sensitizing effects known.

**12 Ecological information**

**Other information:** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.  
**Aquatic toxicity:** Hazardous for water, do not empty into drains.

**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:**

**Hazard class:** 2.1  
**Identification number:** N/A  
**Label:** 2.1  
**ADR/RID/TDG class:** 2 5F Gases  
**UN-Number:** 1950  
**IMDG Class:** 2.1  
**Packaging group:** II  
**EMS Number:** F-D,S-U  
**Marine pollutant:** No  
**ICAO/IATA Class:** 2.1  
**Proper shipping name:** Aerosols, Flammable  
 Consumer Commodity ORM-D

**15 Regulations****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)
67-56-1	methanol
100-41-4	ethyl benzene
78-93-3	methyl ethyl ketone

**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

**CANADIAN ENVIRONMENTAL PROTECTION ACT: WHMIS Symbols for Canada:**

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

A - Compressed gas  
 D2B - Toxic material causing other toxic effects

**Canadian WHMIS: EPA:**

D2A  
 A= Known human carcinogen      B= Probable human carcinogen  
 C= Possible human carcinogen  
 D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of

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carcinogenicity (or no data is available).  
I: 'Data are inadequate for an assessment of human carcinogeni potential.'  
II: 'Inadequate information to assess carcinogenic potential.'

67-64-1	Acetone	I
1330-20-7	xylene (mix)	I
100-41-4	ethyl benzene	D
78-93-3	methyl ethyl ketone	1

**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.

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

**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".

67-64-1	Acetone	A4
1330-20-7	xylene (mix)	A4
100-41-4	ethyl benzene	A3

**NIOSH:**

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

**Risk phrases:** Extremely flammable.  
Irritating to eyes.  
Vapours may cause drowsiness and dizziness

**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  
If swallowed, seek medical advice immediately and show this container or label.  
Use only in well-ventilated areas.

**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:**

- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
- PP: Severe Marine Pollutant
- P: Marine Pollutant
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- 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