

## 1 Identification

<b>Trade name:</b>	<b>FLAT BLACK ENAMEL</b>
<b>Product code:</b>	PKC0980010
<b>Recommended use:</b>	Paint and coatings application.
<b>Uses advised against:</b>	Any that differs from the recommended use.
<b>Manufacturer/Supplier:</b>	ABI/Autobody Brands International, a division of of IAMG/International Autobody Marketing Group 1505 N. Hayden Road, Suite 111 Scottsdale, AZ 85257 1-87-REFINISH www.5starxtreme.com / www.advantagerefinish.com
<b>General Information:</b>	Health & Safety Department
<b>Emergency telephone number:</b>	1-800-255-3924

## 2 Hazard identification

### Classification of the substance or mixture

Flammable Aerosols - Category 1	H222-H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
Gases Under Pressure - Liquefied Gas	H280	Contains gas under pressure; may explode if heated.
Eye Irritation - Category 2A	H319	Causes serious eye irritation.
Reproductive Toxicity - Category 1B	H360	May damage fertility or the unborn child.
Specific Target Organ Toxicity - Single Exposure - Category 3	H336	May cause drowsiness or dizziness.
Specific Target Organ Toxicity - Repeated Exposure - Category 2	H373	May cause damage to organs through prolonged or repeated exposure.

### Additional information: GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

### Signal word

Danger

### Hazard-determining components of labeling:

Acetone  
Toluene  
Isopropyl Alcohol

### Hazard statements

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
Causes serious eye irritation.  
May damage fertility or the unborn child.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.  
Obtain special instructions before use.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a poison center/doctor if you feel unwell.  
If eye irritation persists: Get medical advice/attention.  
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.  
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.

### Effects of chronic overexposure:

## 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:

67-64-1	Acetone	15-25% w/w *
74-98-6	propane	15-25% w/w *
1317-65-3	Calcium Carbonate	10-15% w/w *

(Contd. on page 2)

**Trade name: FLAT BLACK ENAMEL**

		(Contd. of page 1)
64742-89-8	VM&P Naphtha	10-15% w/w *
106-97-8	n-butane	10-15% w/w *
64742-47-8	Mineral Spirits	5-10% w/w *
108-88-3	Toluene	1-5% w/w *
67-63-0	Isopropyl Alcohol	1-5% w/w *

\* Actual concentration ranges are withheld as a trade secret.

**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. If symptoms persist, consult a doctor.  
**After swallowing:** Rinse mouth with water. Do not induce vomiting.  
**Information for doctor:**  
**Most important symptoms and effects:** Dizziness  
**Indication of any immediate medical attention needed:** No further relevant information available.

**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.

**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.

**PAC-2:**

67-64-1	Acetone	3200* ppm
74-98-6	propane	17000** ppm
108-88-3	Toluene	560
67-63-0	Isopropyl Alcohol	2000* ppm
1333-86-4	Carbon black	99 mg/m <sup>3</sup>
108-65-6	PM acetate	1,000 ppm
1330-20-7	xylene (mix)	920* ppm
112926-00-8	Silicon Dioxide	200 mg/m <sup>3</sup>
100-41-4	ethyl benzene	1100* ppm
110-19-0	Isobutyl Acetate	1300* ppm

**7 Handling and storage**

**Precautions for safe handling**  
**Fire/explosion protection:** Use only in well ventilated areas.  
 Keep respiratory protective device available.  
 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.  
**Conditions for safe storage:**  
**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:**

**67-64-1 Acetone**

EL	STEL: 500 ppm TWA: 250 ppm
EV	STEL: 750 ppm TWA: 500 ppm

**Trade name: FLAT BLACK ENAMEL**

(Contd. of page 2)

**74-98-6 propane**

EL Simple asphyxiant; EX  
EV TWA: 1,000 ppm  
revoked as of 01/01/18

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

EL STEL: 1000 ppm  
EX

**64742-47-8 Mineral Spirits**

EL TWA: 200 mg/m<sup>3</sup>  
Skin

**108-88-3 Toluene**

EL TWA: 20 ppm  
R  
EV TWA: 20 ppm

**67-63-0 Isopropyl Alcohol**

EL STEL: 400 ppm  
TWA: 200 ppm  
EV STEL: 400 ppm  
TWA: 200 ppm

**Exposure controls**

**Hygienic protection:**

Immediately remove all soiled and contaminated clothing.  
Wash hands after use.  
Store protective clothing separately.  
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 NIOSH approved respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

**Hand protection:**

Protective gloves  
Nitrile 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:** -44.5 °C  
**Flash point:** -19 °C  
**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:** 1.7 Vol %  
**Upper Explosion Limit:** 10.9 Vol %  
**Vapor pressure:** Not determined.  
**Relative Density:** Between 0.77 and 0.85 (Water equals 1.00)  
**Vapor density** Not determined.  
**Evaporation rate** Not applicable.  
**Partition coefficient: n-octonal/water:** Not determined.  
**Solubility:** Not determined.  
**Viscosity:** Not determined.  
**Water:** 0.0 %  
**MIR Value:** 0.81

**10 Stability and reactivity**

**Conditions to avoid:** Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.  
**Possibility of hazardous reactions:** No dangerous reactions known.  
**Conditions to avoid** No further relevant information available.  
**Incompatible materials:** No further relevant information available.

(Contd. on page 4)

**Trade name:** FLAT BLACK ENAMEL

(Contd. of page 3)

**Hazardous decomposition:** No dangerous decomposition products known.

**11 Toxicological information**

**LD/LC50 values that are relevant for classification:**

**67-63-0 Isopropyl Alcohol**

Oral	LD50	4,570 mg/kg (rat)
Dermal	LD50	13,400 mg/kg (rab)
Inhalative	LC50/4 h	30 mg/l (rat)

**Information on toxicological effects:**

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

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

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.  
**Recommended cleansing agent:** Water, if necessary with cleansing agents.

**14 Transport information**

<b>UN-Number</b>	UN1950
<b>DOT/TDG</b>	UN1950
<b>Transport hazard class(es):</b>	
<b>DOT, ADR</b>	
<b>Class</b>	2.1 Gases
<b>Special precautions for user:</b>	Warning: Gases
<b>EMS Number:</b>	F-D,S-U
<b>Stowage Code</b>	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
<b>Segregation Code</b>	
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>ADR</b>	
<b>Packaging Group:</b>	--

**15 Regulatory information**

**Toxic Substances Control Act (TSCA):** All hazardous ingredients are found on the inventory list of substances.

**Prop 65 chemicals known to cause birth defects or reproductive harm:**

108-88-3	Toluene
----------	---------

**CANADIAN ENVIRONMENTAL PROTECTION ACT:**

**Chemical safety assessment:** All hazardous ingredients for this product appear on the Canadian Domestic Substance List. A Chemical Safety Assessment has not been carried out.

(Contd. on page 5)

---

**Trade name: FLAT BLACK ENAMEL**

---

(Contd. of page 4)

**16 Other information**

<b>Contact:</b>	Regulatory Affairs
<b>Date of the latest revision of the safety data sheet</b>	09/11/2023

---