

## 1 Identification

**Trade name:** GRAY SELF ETCH PRIMER  
**Product code:** PKC0201681  
**Recommended use:** Paint and coatings application.  
**Uses advised against:** Any that differs from the recommended use.  
**Manufacturer/Supplier:** 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

**General Information:** Health & Safety Department  
**Emergency telephone number:** 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.
Skin Sensitizer - Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity – Category 2	H351	Suspected of causing cancer. Route of exposure: Inhalation.
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  
titanium dioxide  
Toluene  
Isopropyl Alcohol

### Hazard statements

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Suspected of causing cancer. Route of exposure: Inhalation.  
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.  
Specific treatment (see on this label).  
Take off contaminated clothing and wash it before reuse.  
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.  
**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.

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### 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	10-15% w/w *
106-97-8	n-butane	5-10% w/w *
110-19-0	Isobutyl Acetate	5-10% w/w *
67-63-0	Isopropyl Alcohol	≥5-<10% w/w *
78-92-2	Secondary Butyl Alcohol	≥5-<10% w/w *
79-20-9	methyl acetate	≥5-<10% w/w *
540-88-5	tert-butyl acetate	1-5% w/w *
64742-47-8	Mineral Spirits	1-5% w/w *
13463-67-7	titanium dioxide	1-5% w/w *
64742-95-6	Solvent naphtha, light aromatic	1-5% w/w *
108-88-3	Toluene	0.18% 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:**

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.

**Environmental precautions:**

Do not allow product to reach sewage systems or ground water.

**Methods and material for containment and cleaning up:**

Absorb liquid components with liquid-binding material.

**PAC-2:**

67-64-1	Acetone	3200* ppm
74-98-6	propane	17000** ppm
110-19-0	Isobutyl Acetate	1300* ppm
67-63-0	Isopropyl Alcohol	2000* ppm
78-92-2	Secondary Butyl Alcohol	220 ppm
79-20-9	methyl acetate	1,700 ppm
540-88-5	tert-butyl acetate	1,700 ppm
13463-67-7	titanium dioxide	330 mg/m <sup>3</sup>
7779-90-0	zinc phosphate	36 mg/m <sup>3</sup>
1314-13-2	zinc oxide	15 mg/m <sup>3</sup>
123-42-2	diacetone alcohol	350 ppm
95-63-6	1,2,4 trimethylbenzene	360 ppm
112926-00-8	Silicon Dioxide	200 mg/m <sup>3</sup>
1333-86-4	Carbon black	99 mg/m <sup>3</sup>
108-88-3	Toluene	560
108-31-6	maleic anhydride	2 ppm
111-76-2	Glycol Ether EB	120 ppm

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cumene

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300 ppm

### 7 Handling and storage

**Precautions for safe handling**  
**Fire/explosion protection:**

Use only in well ventilated areas.  
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

**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
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**110-19-0 Isobutyl Acetate**

EL	STEL: 150 ppm TWA: 50 ppm
EV	STEL: 187 ppm TWA: 150 ppm

**67-63-0 Isopropyl Alcohol**

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

**78-92-2 Secondary Butyl Alcohol**

EL	TWA: 100 ppm
EV	STEL: 150 ppm TWA: 100 ppm

**79-20-9 methyl acetate**

EL	STEL: 250 ppm TWA: 200 ppm
EV	STEL: 755 mg/m <sup>3</sup> , 250 ppm TWA: 605 mg/m <sup>3</sup> , 200 ppm

**540-88-5 tert-butyl acetate**

EL	STEL: 150 ppm TWA: 50 ppm
EV	TWA: 950 mg/m <sup>3</sup> , 200 ppm

**64742-47-8 Mineral Spirits**

EL	TWA: 200 mg/m <sup>3</sup> Skin
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**108-88-3 Toluene**

EL	TWA: 20 ppm R
EV	TWA: 20 ppm

**Exposure controls**  
**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.

**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.

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**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 °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-octanol/water:** Not determined.  
**Solubility:** Not determined.  
**Viscosity:** Not determined.

### 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.

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

### 11 Toxicological information

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

**110-19-0 Isobutyl Acetate**

Oral	LD50	4,763 mg/kg (rbt)
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**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)

**78-92-2 Secondary Butyl Alcohol**

Oral	LD50	6,480 mg/kg (rat)
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**79-20-9 methyl acetate**

Oral	LD50	6,970 mg/kg (rat)
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**13463-67-7 titanium dioxide**

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rbt)
Inhalative	LC50/4 h	>6.82 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
13463-67-7	titanium dioxide	2B

**NTP (National Toxicology Program)**

None of the ingredients is listed.

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## 12 Ecological information

<b>Aquatic toxicity:</b>	Hazardous for water, do not empty into drains.
<b>Persistence and degradability:</b>	The product is degradable after prolonged exposure to natural weathering processes.
<b>Bioaccumulative potential:</b>	No further relevant information available.
<b>Mobility in soil:</b>	No further relevant information available.
<b>Other adverse effects:</b>	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

<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.
<b>Segregation Code</b>	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>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.

## 16 Other information

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