

Safety Data Sheet

Printing date 04/21/2020

Revised On 04/20/2020

1 Identification of the substance and manufacturer

Trade name: 3528 ETCH PRIMER GRAY
Product code: PK00201681
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
Emergency telephone number: ChemTrec: 800-424-9300

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.
Eye Irrit. 2A H319 Causes serious eye irritation.
Repr. 1B H360 May damage fertility or the unborn child.
STOT SE 3 H336 May cause drowsiness or dizziness.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms

GHS02 GHS04 GHS07 GHS08

Signal word**Hazard statements**

Danger
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
Obtain special instructions before use.
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.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
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 in a well-ventilated place.
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.

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% |
| 74-98-6 | propane | 10-15% |
| 106-97-8 | n-butane | 5-10% |
| 110-19-0 | Isobutyl Acetate | 5-10% |
| 67-63-0 | Isopropyl Alcohol | ≥5-<10% |
| 78-92-2 | Secondary Butyl Alcohol | ≥5-<10% |
| 79-20-9 | methyl acetate | ≥5-<10% |
| 540-88-5 | tert-butyl acetate | 1-5% |
| 64742-47-8 | Mineral Spirits | 1-5% |
| 13463-67-7 | titanium dioxide | 1-5% |
| 64742-95-6 | Solvent naphtha, light aromatic | 1-5% |
| 108-88-3 | Toluene | 0.18% |

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

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| 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. |
| 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 ₂ , 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. |
| 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:****67-64-1 Acetone**

| | |
|-----------|--|
| PEL (USA) | Long-term value: 2400 mg/m ³ , 1000 ppm |
| REL (USA) | Long-term value: 590 mg/m ³ , 250 ppm |
| TLV (USA) | Short-term value: 1187 mg/m ³ , 500 ppm |
| | Long-term value: 594 mg/m ³ , 250 ppm |
| | BEI |

74-98-6 propane

| | |
|-----------|--|
| PEL (USA) | Long-term value: 1800 mg/m ³ , 1000 ppm |
| REL (USA) | Long-term value: 1800 mg/m ³ , 1000 ppm |
| TLV (USA) | refer to Appendix F in TLVs&BEIs book; D, EX |

106-97-8 n-butane

| | |
|-----------|--|
| REL (USA) | Long-term value: 1900 mg/m ³ , 800 ppm |
| TLV (USA) | Short-term value: 2370 mg/m ³ , 1000 ppm (EX) |

110-19-0 Isobutyl Acetate

| | |
|-----------|---|
| PEL (USA) | Long-term value: 700 mg/m ³ , 150 ppm |
| REL (USA) | Long-term value: 700 mg/m ³ , 150 ppm |
| TLV (USA) | Short-term value: 712 mg/m ³ , 150 ppm |
| | Long-term value: 238 mg/m ³ , 50 ppm |

67-63-0 Isopropyl Alcohol

| | |
|-----------|--|
| PEL (USA) | Long-term value: 980 mg/m ³ , 400 ppm |
| REL (USA) | Short-term value: 1225 mg/m ³ , 500 ppm |
| | Long-term value: 980 mg/m ³ , 400 ppm |
| TLV (USA) | Short-term value: 984 mg/m ³ , 400 ppm |
| | Long-term value: 492 mg/m ³ , 200 ppm |
| | BEI |

78-92-2 Secondary Butyl Alcohol

| | |
|-----------|---|
| PEL (USA) | Long-term value: 450 mg/m ³ , 150 ppm |
| REL (USA) | Short-term value: 455 mg/m ³ , 150 ppm |
| | Long-term value: 305 mg/m ³ , 100 ppm |
| TLV (USA) | Long-term value: 300 mg/m ³ , 100 ppm |

79-20-9 methyl acetate

| | |
|-----------|---|
| PEL (USA) | Long-term value: 610 mg/m ³ , 200 ppm |
| REL (USA) | Short-term value: 760 mg/m ³ , 250 ppm |
| | Long-term value: 610 mg/m ³ , 200 ppm |

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| | |
|-----------|---|
| TLV (USA) | Short-term value: 757 mg/m ³ , 250 ppm Long-term value: 606 mg/m ³ , 200 ppm |
|-----------|---|

540-88-5 tert-butyl acetate

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|-----------|--|
| PEL (USA) | Long-term value: 950 mg/m ³ , 200 ppm |
| REL (USA) | Long-term value: 950 mg/m ³ , 200 ppm |
| TLV (USA) | Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm |

108-88-3 Toluene

| | |
|-----------|---|
| PEL (USA) | Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift |
| REL (USA) | Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm |
| TLV (USA) | Long-term value: 75 mg/m ³ , 20 ppm BEI |

Ingredients with biological limit values:**67-64-1 Acetone**

| | |
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| BEI (USA) | 50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific) |
|-----------|--|

67-63-0 Isopropyl Alcohol

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|-----------|---|
| BEI (USA) | 40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific) |
|-----------|---|

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 charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: 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 (-47.2 °F) |
| Flash point: | -19 °C (-2.2 °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: | 1.7 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

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| 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. |

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Hazardous decomposition: No dangerous decomposition products known.

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11 Toxicological information

LD/LC50 values that are relevant for classification:

110-19-0 Isobutyl Acetate

Oral LD50 4,763 mg/kg (rbt)

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)

79-20-9 methyl acetate

Oral LD50 6,970 mg/kg (rat)

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: No data available.

Skin effects: No irritant effect.

Eye effects: Irritating effect.

Sensitization: No sensitizing effects known.

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.

Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.

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.

14 Transport information

UN-Number UN1950

DOT N/A

DOT Consumer Commodity ORM-D

ADR Aerosols, flammable

1950 AEROSOLS

Transport hazard class(es):

Class 2.1

Special precautions for user: Warning: Gases

EMS Number: F-D,S-U

Packaging Group: --

UN "Model Regulation": UN 1950 AEROSOLS, 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):

67-63-0 Isopropyl Alcohol

78-92-2 Secondary Butyl Alcohol

7779-90-0 zinc phosphate

Toxic Substances Control Act

(TSCA): All hazardous ingredients are found on the inventory list of substances.

Canadian Domestic Substances List

(DSL): All ingredients are listed or exempted.

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**Consumer Product Safety
Commission (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:

| | |
|------------|------------------|
| 13463-67-7 | titanium dioxide |
| 1333-86-4 | Carbon black |
| 98-82-8 | isopropylbenzene |

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

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

EPA:

| | | |
|-----------|------------------|----------|
| 67-64-1 | Acetone | I |
| 110-19-0 | Isobutyl Acetate | D |
| 7779-90-0 | zinc phosphate | D, I, II |

16 Other information

Contact: Regulatory Affairs