

## Safety Data Sheet

Printing date 12/04/2023

Revised On 11/16/2023

## 1 Identification of the substance and manufacturer

**Trade name:** RED ETCH PRIMER  
**Product code:** 80-1103  
**Recommended use:** Paint and coatings application.  
**Uses advised against:** Any that differs from the recommended use.  
**Supplier:** Kimball Midwest  
 4800 Roberts Rd  
 Columbus, OH 43228  
 phone: 800-233-1294  
  
**Emergency telephone number:** Chemtrec: 800-424-9300

## 2 Hazard(s) identification

## Classification of the substance or mixture

Flammable Aerosols 1 H222 Extremely flammable aerosol.  
 Gases under Pressure - Liquefied gas H280 Contains gas under pressure; may explode if heated.  
 Eye Irritation 2A H319 Causes serious eye irritation.  
 Sensitization - Skin 1 H317 May cause an allergic skin reaction.  
 Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.  
 Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposure.

## Additional information:

## 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 cause an allergic skin reaction.  
 May cause drowsiness or dizziness.  
 May cause damage to 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.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash 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.  
 Specific treatment (see on this label).  
 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.

## Precautionary statements

## 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%
79-20-9	methyl acetate	≥5-<10%
67-63-0	Isopropyl Alcohol	≥5-<10%
78-92-2	Secondary Butyl Alcohol	≥5-<10%
110-19-0	Isobutyl Acetate	1-5%
540-88-5	tert-butyl acetate	1-5%
107-87-9	Methyl Propyl Ketone	1-5%
1330-20-7	xylene (mix)	1-5%
112926-00-8	Silicon Dioxide	1-5%

## 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.

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**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.

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**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.  
**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<sup>3</sup>, 1000 ppm  
REL (USA) Long-term value: 590 mg/m<sup>3</sup>, 250 ppm  
TLV (USA) Short-term value: 500 ppm  
Long-term value: 250 ppm  
A4, BEI

**74-98-6 propane**

PEL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm  
REL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm  
TLV (USA) see Appendix F Minimal oxygen content ( D, EX)

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

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

**79-20-9 methyl acetate**

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

**67-63-0 Isopropyl Alcohol**

PEL (USA) Long-term value: 980 mg/m<sup>3</sup>, 400 ppm  
REL (USA) Short-term value: 1225 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 980 mg/m<sup>3</sup>, 400 ppm  
TLV (USA) Short-term value: 400 ppm  
Long-term value: 200 ppm  
BEI, A4

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

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

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**110-19-0 Isobutyl Acetate**

PEL (USA) Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
REL (USA) Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
TLV (USA) Short-term value: 150 ppm  
Long-term value: 50 ppm

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

PEL (USA)	Long-term value: 950 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Long-term value: 950 mg/m <sup>3</sup> , 200 ppm
TLV (USA)	Short-term value: 150 ppm Long-term value: 50 ppm

**107-87-9 Methyl Propyl Ketone**

PEL (USA)	Long-term value: 700 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Long-term value: 530 mg/m <sup>3</sup> , 150 ppm
TLV (USA)	Short-term value: 150 ppm

**1330-20-7 xylene (mix)**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Long-term value: 20 ppm BEI, A4

**112926-00-8 Silicon Dioxide**

PEL (USA)	20mppcf or 80mg/m <sup>3</sup> /%SiO <sub>2</sub>
REL (USA)	Long-term value: 6 mg/m <sup>3</sup> See Pocket Guide App. C
TLV (USA)	TLV withdrawn

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

BEI (USA)	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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**67-63-0 Isopropyl Alcohol**

BEI (USA)	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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**1330-20-7 xylene (mix)**

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

**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:	-44.5 °C (-48.1 °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.

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Evaporation rate: Not applicable.  
 Partition coefficient: n-octonal/water: Not determined.  
 Solubility: Not determined.  
 Viscosity: Not determined.  
 Water: 0.0 %

## 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:

## 79-20-9 methyl acetate

Oral	LD50	6,970 mg/kg (rat)
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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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## 110-19-0 Isobutyl Acetate

Oral	LD50	4,763 mg/kg (rbt)
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## 1330-20-7 xylene (mix)

Oral	LD50	8,700 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	6,350 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.  
 Recommended cleansing agent: Water, if necessary with cleansing agents.

## 14 Transport information

UN-Number: UN1950  
 DOT: UN1950  
 DOT: Aerosols, flammable  
 ADR: 1950 AEROSOLS  
 Transport hazard class(es):  
 Class: 2.1 Gases  
 Special precautions for user: Warning: Gases  
 EMS Number: F-D,S-U  
 Packaging Group: --  
 UN "Model Regulation": UN 1950 AEROSOLS, 2.1

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**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

1330-20-7 xylene (mix)

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.

**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:**

108-10-1 methyl isobutyl ketone

100-41-4 ethyl benzene

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

108-10-1 methyl isobutyl ketone

108-88-3 Toluene

**EPA:**

67-64-1 Acetone

I

110-19-0 Isobutyl Acetate

D

1330-20-7 xylene (mix)

I

7779-90-0 zinc phosphate

D, I, II

**Contact:**

Regulatory Affairs