

Safety Data Sheet

Printing date 01/20/2017

Revised On 01/20/2017

1 Identification of the substance and manufacturer

Trade name: LIGHT GRAY PRIMER
Product code: 80855
Product category: PC9a Paints and coatings.
Manufacturer/Supplier: Kimball Midwest
 4800 Roberts Road
 Columbus, OH 43228
 800-233-1294
 www.kimballmidwest.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.
 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.

Precautionary statements

May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.
 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.
 Do not pierce or burn, even after use.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 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 skin irritation occurs: Get medical advice/attention.
 IF ON SKIN: Wash with plenty of water.
 Take off contaminated clothing.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Store in a well-ventilated place. Keep container tightly closed.
 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	22.78%
74-98-6	propane	12.6%
110-19-0	Isobutyl Acetate	9.83%
106-97-8	n-butane	7.4%
13463-67-7	titanium dioxide	7.29%
64742-89-8	VM&P Naphtha	5.45%
14807-96-6	Talc	4.22%
64-17-5	Alcohol	3.74%
64742-47-8	Mineral Spirits	3.03%
123-86-4	n-butyl acetate	2.82%
108-65-6	PM acetate	1.28%
67-63-0	Isopropyl Alcohol	1.24%
107-87-9	Methyl Propyl Ketone	1.03%

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 out mouth and then drink plenty of water.
 Rinse mouth with water. Do not induce vomiting.

(Contd. on page 2)

Safety Data Sheet

Printing date 01/20/2017

Revised On 01/20/2017

Trade name: LIGHT GRAY PRIMER

(Contd. of page 1)

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.

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/m³, 1000 ppmREL (USA) Long-term value: 590 mg/m³, 250 ppmTLV (USA) Short-term value: 1187 mg/m³, 500 ppmLong-term value: 594 mg/m³, 250 ppm

BEI

74-98-6 propanePEL (USA) Long-term value: 1800 mg/m³, 1000 ppmREL (USA) Long-term value: 1800 mg/m³, 1000 ppm

TLV (USA) refer to Appendix F in TLVs&BEIs book; NIC-EX

110-19-0 Isobutyl AcetatePEL (USA) Long-term value: 700 mg/m³, 150 ppmREL (USA) Long-term value: 700 mg/m³, 150 ppmTLV (USA) Short-term value: 172 mg/m³, 150 ppmLong-term value: 238 mg/m³, 50 ppm**106-97-8 n-butane**REL (USA) Long-term value: 1900 mg/m³, 800 ppmTLV (USA) Short-term value: (2370) mg/m³, (1000) ppm

NIC-EX

64-17-5 AlcoholPEL (USA) Long-term value: 1900 mg/m³, 1000 ppmREL (USA) Long-term value: 1900 mg/m³, 1000 ppmTLV (USA) Short-term value: 1880 mg/m³, 1000 ppm**123-86-4 n-butyl acetate**PEL (USA) Long-term value: 710 mg/m³, 150 ppmREL (USA) Short-term value: 950 mg/m³, 200 ppmLong-term value: 710 mg/m³, 150 ppmTLV (USA) Short-term value: 712 mg/m³, 150 ppmLong-term value: 238 mg/m³, 50 ppm**108-65-6 PM acetate**

WEEL (USA) Long-term value: 50 ppm

67-63-0 Isopropyl AlcoholPEL (USA) Long-term value: 980 mg/m³, 400 ppmREL (USA) Short-term value: 1225 mg/m³, 500 ppmLong-term value: 980 mg/m³, 400 ppmTLV (USA) Short-term value: 984 mg/m³, 400 ppmLong-term value: 492 mg/m³, 200 ppm

BEI

107-87-9 Methyl Propyl KetonePEL (USA) Long-term value: 700 mg/m³, 200 ppmREL (USA) Long-term value: 530 mg/m³, 150 ppmTLV (USA) Short-term value: 529 mg/m³, 150 ppm

(Contd. on page 3)

Safety Data Sheet

Printing date 01/20/2017

Revised On 01/20/2017

Trade name: LIGHT GRAY PRIMER

(Contd. of page 2)

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

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

67-63-0 Isopropyl Alcohol

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.

Protective 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 °F)**Flash point:** -19 °C (-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.**Solids content:** 25.5 %**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:****110-19-0 Isobutyl Acetate**

Oral	LD50	4763 mg/kg (rbt)
------	------	------------------

106-97-8 n-butane

Inhalative	LC50/4 h	658 mg/l (rat)
------------	----------	----------------

13463-67-7 titanium dioxide

Oral	LD50	>20000 mg/kg (rat)
------	------	--------------------

Dermal	LD50	>10000 mg/kg (rbt)
--------	------	--------------------

Inhalative	LC50/4 h	>6.82 mg/l (rat)
------------	----------	------------------

64-17-5 Alcohol

Oral	LD50	7060 mg/kg (rat)
------	------	------------------

Inhalative	LC50/4 h	20000 mg/l (rat)
------------	----------	------------------

123-86-4 n-butyl acetate

Oral	LD50	14000 mg/kg (rat)
------	------	-------------------

(Contd. on page 4)

Safety Data Sheet

Printing date 01/20/2017

Revised On 01/20/2017

Trade name: LIGHT GRAY PRIMER

(Contd. of page 3)

Inhalative LC50/4 h >21.0 mg/l (rat)

108-65-6 PM acetate

Oral LD50 8500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

67-63-0 Isopropyl Alcohol

Oral LD50 4570 mg/kg (rat)

Dermal LD50 13400 mg/kg (rab)

Inhalative LC50/4 h 30 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.**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

Aerosols, flammable

1950 Aerosols

ADR**Transport hazard class(es):****Class** 2.1**Marine pollutant:** No**Special precautions for user:** Warning: Gases**EMS Number:** F-D,S-U**Packaging Group:** --**UN "Model Regulation":** UN1950, 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

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:**

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

1333-86-4 Carbon black

108-10-1 methyl isobutyl ketone

California Proposition 65 chemicals**known to cause birth defects or****reproductive harm:** 67-56-1 Methanol

108-10-1 methyl isobutyl ketone

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

**EPA:**

67-64-1 Acetone

I

110-19-0 Isobutyl Acetate

D

16 Other information**Contact:** Regulatory Affairs**Date of preparation / last revision** 01/20/2017 / -