

Safety Data Sheet

Date of issue: 03/12/2025

Revised On 03/12/2025

1 Identification of the substance and manufacturer

Trade name: FLAT BLACK
 Other means of identification
 Product code: 80882
 Article category
 Recommended use: Paint and coatings application.
 Uses advised against: Any that differs from the recommended use.
 Manufacturer/Supplier: Kimball Midwest
 4800 Roberts Road
 Columbus, OH 43228
 800-233-1294
 www.kimballmidwest.com
 ChemTrec: 800-424-9300



2 Hazard(s) identification

Classification of the substance or mixture

Aerosols 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
 Eye irritation 2A H319 Causes serious eye irritation.
 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 GHS07 GHS08

Signal word

Hazard statements

Danger

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

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/vapors/spray.

Avoid breathing fume/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.

Get medical advice/attention if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Store in a well ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).

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 | 15-25% |
| 1317-65-3 | Calcium Carbonate | 10-15% |
| 106-97-8 | n-butane | 5-10% |
| 110-19-0 | Isobutyl Acetate | 5-10% |
| 64742-89-8 | VM&P Naphtha | 1-5% |
| 108-65-6 | PM acetate | 1-5% |
| 2807-30-9 | Glycol Ether EP | 1-5% |
| 108-10-1 | methyl isobutyl ketone | 1-5% |
| 107-87-9 | Methyl Propyl Ketone | 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.

After swallowing:

Rinse mouth with water. Do not induce vomiting.

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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/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 |
| | A4, 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) | see Appendix F Minimal oxygen content (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 |

64742-89-8 VM&P Naphtha

| | |
|-----------|--------------------------|
| TLV (USA) | Long-term value: 100 ppm |
| | Skin, A3 |

108-65-6 PM acetate

| | |
|------------|-------------------------|
| WEEL (USA) | Long-term value: 50 ppm |
|------------|-------------------------|

108-10-1 methyl isobutyl ketone

| | |
|-----------|--|
| PEL (USA) | Long-term value: 410 mg/m ³ , 100 ppm |
| REL (USA) | Short-term value: 300 mg/m ³ , 75 ppm |
| | Long-term value: 205 mg/m ³ , 50 ppm |
| TLV (USA) | Short-term value: 307 mg/m ³ , 75 ppm |
| | Long-term value: 82 mg/m ³ , 20 ppm |
| | BEI, A3 |

107-87-9 Methyl Propyl Ketone

| | |
|-----------|---|
| PEL (USA) | Long-term value: 700 mg/m ³ , 200 ppm |
| REL (USA) | Long-term value: 530 mg/m ³ , 150 ppm |
| TLV (USA) | Short-term value: 529 mg/m ³ , 150 ppm |

112926-00-8 Silicon Dioxide

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

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

| | |
|-----------|--|
| BEI (USA) | 25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific) |
|-----------|--|

108-10-1 methyl isobutyl ketone

| | |
|-----------|--|
| BEI (USA) | 1 mg/L Medium: urine Time: end of shift Parameter: MIBK |
|-----------|--|

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

| | |
|--|--|
| Physical state | Aerosol |
| Odor: | Aromatic |
| Odor threshold: | Not determined. |
| Melting point/Melting range | Undetermined. |
| Boiling point: | -44.5 °C (-48.1 °F) |
| Flammability: | Extremely flammable. |
| Lower Explosion Limit: | 1.7 Vol % |
| Upper Explosion Limit: | 10.9 Vol % |
| Flash point: | -19 °C (-2.2 °F) |
| Flammability (solid, gas): | Extremely flammable. |
| Decomposition temperature: | Not determined. |
| pH-value: | Not determined. |
| Viscosity: | Not determined. |
| Solubility: | Not determined. |
| Vapor pressure: | Not determined. |
| Relative Density: | Between 0.77 and 0.85 (Water equals 1.00) |
| Vapor density | Not determined. |
| Particle characteristics | Not applicable. |
| Appearance: | Aerosol. |
| Ignition temperature: | Product is not self-igniting. |
| Danger of explosion: | In use, may form flammable/explosive vapour-air mixture. |
| Water: | 0.0 % |
| Evaporation rate | Not applicable. |
| Partition coefficient: n-octanol/water: | 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. |
| 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) |
|------|------|-------------------|

108-65-6 PM acetate

| | | |
|------------|----------|-------------------|
| Oral | LD50 | 8,500 mg/kg (rat) |
| Inhalative | LC50/4 h | 35.7 mg/l (rat) |

108-10-1 methyl isobutyl ketone

| | | |
|------------|----------|---------------------|
| Oral | LD50 | 2,100 mg/kg (rat) |
| Dermal | LD50 | 16,000 mg/kg (rab) |
| Inhalative | LC50/4 h | 11 mg/l (ATE) |
| | | 8.3-16.6 mg/l (rat) |

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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), per and polyfluoroalkyl substances (PFA's), 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 marking (IATA):
Packaging Group: --
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
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):

108-10-1 methyl isobutyl ketone

Toxic Substances Control Act**(TSCA):** All 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

1333-86-4 Carbon black

100-41-4 ethyl benzene

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

108-10-1 methyl isobutyl ketone

EPA:

67-64-1 Acetone

110-19-0 Isobutyl Acetate

108-10-1 methyl isobutyl ketone

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16 Other information**Contact:** Regulatory Affairs

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.