Date of issue: 08/07/2025 Revised On 08/07/2025

**FARM & IMPLEMENT CONSTRUCTION CHARCOAL** 

#### 1 Identification

Trade name:

Other means of identification

Product code: 80-1282 Paint and coatings application. Recommended use:

Uses advised against: Any that differs from the recommended use. Kimball

Manufacturer/Supplier:

4800 Roberts Road Columbus, OH 43228 800-233-1294 www.kimballmidwest.com

**Emergency telephone number:** 1-800-255-3924

## 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 Causes serious eye irritation. H319

Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

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 Danger

Hazard-determining components of

labeling:

Acetone

titanium dioxide butyl acetate

methyl isobutyl ketone

Extremely flammable aerosol. Pressurized container: may burst if heated. **Hazard statements** 

Causes serious eye irritation. Suspected of causing cancer. Route of exposure: Inhalation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements** Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.
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.

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.

IF exposed or concerned: Get medical advice/attention.

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.

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.

Classification according to (d)(1)(ii)

Effects of chronic overexposure:

of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of

precursor products.

Hazards not otherwise classified There are no adverse physical or health effects known that are not covered by the hazard classes of

the Hazard Communications Standard.

# 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: |
|-----------|-------------|
| 67.64.4   | A t - :     |

74-98-6 propane

| angerous | components: |        |
|----------|-------------|--------|
| 67-64-1  | Acetone     | 15-25% |

15-25% (Contd. on page 2) Date of issue: 08/07/2025 Revised On 08/07/2025

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|            |                        | (Contd. of page 1) |
|------------|------------------------|--------------------|
|            | n-butane               | 5-10%              |
|            | barium sulfate         | 5-10%              |
|            | Isobutyl Acetate       | 5-10%              |
|            | Glycol Ether EP        | ≥5-<10%            |
| 13463-67-7 | titanium dioxide       | 1-5%               |
|            | butyl acetate          | 1-5%               |
|            | Methyl Propyl Ketone   | 1-5%               |
|            | PM acetate             | 1-5%               |
| 108-10-1   | methyl isobutyl ketone | 1-5%               |

## 4 First-aid measures

Description of first aid measures

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

Remove contaminated clothing. Wash exposed area with soap and water. After skin contact: 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:

Indication of any immediate medical

attention needed:

Dizziness

No further relevant information available.

# 5 Fire-fighting measures

Extinguishing media

Extinguishing agents:

Special hazards: Protective equipment for

firefighters:

**Additional information** 

CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Can form explosive gas-air mixtures.

A respiratory protective device may be necessary. Cool endangered receptacles with water spray.

#### 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Environmental precautions:

Methods and material for

containment and cleaning up:

Use respiratory protective device against the effects of fumes/dust/aerosol.

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

Absorb liquid components with liquid-binding material.

### 7 Handling and storage

Precautions for safe handling

Use only in well ventilated areas.

Fire/explosion protection:

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: The following constituents are the only constituents of the product which have a PEL, TLV or other

recommended exposure limit.

At this time, the other constituents have no known exposure limits

| 67-64-1 | Acetone |
|---------|---------|

Long-term value: 2400 mg/m³, 1000 ppm PEL Long-term value: 590 mg/m<sup>3</sup>. 250 ppm REL TLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm

Long-term value: 594 mg/m³, 250 ppm

A4, BEI

## 74-98-6 propane

Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm PEL **REL** Long-term value: 1800 mg/m³, 1000 ppm TLV

see Appendix F Minimal oxygen content (D, EX)

#### 106-97-8 n-butane

Long-term value: 1900 mg/m³, 800 ppm REL TLV Short-term value: 2370 mg/m3, 1000 ppm

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| 7727-4          | 43-7 barium sulfate  |   |  |
|-----------------|--|---|--|
| PEL             | Long-term value: 15* 5** mg/m  | 3   |  |
|                 | *total dust **respirable fraction  |   |  |
| REL             | Long-term value: 10* 5** mg/m<br>*total dust **respirable fraction   |   |  |
| TLV             | Long-term value: 5* mg/m <sup>3</sup>  |   |  |
| ILV             | *inhalable fraction; E   |   |  |
| 110-19          | 9-0 Isobutyl Acetate   |   |  |
| PEL             | Long-term value: 700 mg/m³, 1  | 50 ppm  |  |
| REL             | Long-term value: 700 mg/m³, 1  | 50 ppm  |  |
| TLV             | Short-term value: 712 mg/m³, 1   | 150 ppm   |  |
|                 | Long-term value: 238 mg/m³, 5  | 0 ppm   |  |
|                 | 6-4 butyl acetate  | 50  |  |
| PEL             | Long-term value: 710 mg/m³, 1  |   |  |
| REL             | Short-term value: 950 mg/m³, 2<br>Long-term value: 710 mg/m³, 1  | 200 ppm   |  |
| TLV             | Short-term value: 712 mg/m³, 1   |   |  |
| ILV             | Long-term value: 238 mg/m³, 5  |   |  |
| 107-87          | 7-9 Methyl Propyl Ketone   | ▼ FF  |  |
| PEL             | Long-term value: 700 mg/m³, 2  | 00 ppm  |  |
| REL             | Long-term value: 530 mg/m³, 1  |   |  |
| TLV             | Short-term value: 529 mg/m³, 1   | 150 ppm   |  |
| 108-6           | 5-6 PM acetate   |   |  |
|                 | Long-term value: 50 ppm  |   |  |
|                 | 0-1 methyl isobutyl ketone   |   |  |
| PEL             | Long-term value: 410 mg/m³, 1  |   |  |
| REL             | Short-term value: 300 mg/m³, 7   | 75 ppm  |  |
| T1.1/           | Long-term value: 205 mg/m³, 5  | , ,   |  |
| TLV             | Short-term value: 307 mg/m³, 7<br>Long-term value: 82 mg/m³, 20  | 75 ppm  |  |
|                 | BEI. A3  | рын   |  |
| Ingred          | dients with biological limit valu  | IDC.  |  |
|                 | -1 Acetone   |   |  |
|                 | 5 mg/L   |   |  |
| l N             | ledium: urine  |   |  |
|                 | ime: end of shift  |   |  |
|                 | arameter: Acetone (nonspecific)  |   |  |
| 108-10<br>BEI 1 | 0-1 methyl isobutyl ketone   |   |  |
|                 | ledium: urine  |   |  |
| T               | ime: end of shift  |   |  |
| P               | arameter: MIBK   |   |  |
| Expos           | sure controls  |   |  |
|                 | nic protection:  | Immediately remove all soiled and contaminated clothing.                                      |  |
|                 |  | Wash hands after use.   |  |
| Breatl          | 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. I |   |  |
| Dieati          | mig equipment.   | 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   |  |

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.
Tightly sealed goggles

Eye protection:

# 9 Physical and chemical properties

**General Information:** 

Physical state Aerosol Aromatic Odor: Odor threshold: Melting point/Melting range Not determined. Undetermined. Boiling point: Flammability: Lower Explosion Limit: -44.5 °C (-48.1 °F) Extremely flammable.

1.7 Vol % 10.9 Vol % -19 °C (-2.2 °F) **Upper Explosion Limit:** Flash point: Not determined. Decomposition temperature: pH-value: Viscosity: Not determined.

Not determined. (Contd. on page 4) Date of issue: 08/07/2025 Revised On 08/07/2025

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(Contd. of page 3) Kinematic: Not determined.

Dynamic: Not determined. Solubility: Not determined.

40 PSI 2750 hPa Vapor pressure: 40 PSI, 2750 hPa Vapor Pressure:

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: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120

degrees fahrenheit.

In use, may form flammable/explosive vapour-air mixture.

0.0 % Water:

Not applicable. **Evaporation rate** Partition coefficient: n-octonal/water: 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. No further relevant information available. Incompatible materials: Hazardous decomposition: No dangerous decomposition products known.

# 11 Toxicological information

| LD/LC50 values that are relevant for classification: |                                     |                        |  |  |
|--|-------------------------------------|------------------------|--|--|
| 110-19-0 I   | 110-19-0 Isobutyl Acetate           |                        |  |  |
| Oral   | LD50                                | 4,763 mg/kg (rabbit)   |  |  |
| 13463-67-  | 7 titanium                          | dioxide                |  |  |
| Oral   |                                     | >20,000 mg/kg (rat)    |  |  |
| Dermal   | LD50                                | >10,000 mg/kg (rabbit) |  |  |
| Inhalative   | LC50/4 h                            | >6.82 mg/l (rat)       |  |  |
| 123-86-4 k   |                                     |                        |  |  |
| -  |                                     | 14,000 mg/kg (rat)     |  |  |
| Inhalative   | LC50/4 h                            | >21 mg/l (rat)         |  |  |
| 108-65-6 F   |                                     |                        |  |  |
|  |                                     | 8,500 mg/kg (rat)      |  |  |
| Inhalative   | Inhalative LC50/4 h 35.7 mg/l (rat) |                        |  |  |
|  | 108-10-1 methyl isobutyl ketone     |                        |  |  |
|  |                                     | 2,100 mg/kg (rat)      |  |  |
| Dermal   |                                     | 16,000 mg/kg (rab)     |  |  |
| Inhalative   |                                     | 11 mg/l (ATE)          |  |  |
|  |                                     | 8.3-16.6 mg/l (rat)    |  |  |

Skin effects: No irritant effect. Eye effects: Irritating effect.

Sensitization: No sensitizing effects known.

Aspiration hazard

Interactive effects No interactive effects between components are known.

| IARC (International | Agency ' | for Re | search c | n C | ancer) |
|---------------------|----------|--------|----------|-----|--------|
|---------------------|----------|--------|----------|-----|--------|

13463-67-7 titanium dioxide 108-10-1 methyl isobutyl ketone 2B NTP (National Toxicology Program)

None of the ingredients is listed.

Alternative sources for toxicological

information No non-standard sources for toxicological information where used.

# 12 Ecological information

**Toxicity** 

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.

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2B

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Results of PBT and vPvB assessment

PBT: Not applicable. vPvB: Not applicable.

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.

Waste treatment methods

Recommendation: Completely empty cans should be recycled. Recommended cleansing agent: Water, if necessary with cleansing agents.

## 14 Transport information

**UN-Number** UN1950 DOT UN1950

UN proper shipping name:

DOT Transport hazard class(es): Aerosols, flammable, containing substances in Class 8, Packing Group II

Class 2.1 Gases Label 2.1+8

DOT

Packaging Group:

Special precautions for user: Warning: Gases

**EMS Number:** F-D,S-Ù

#### 15 Regulatory information

Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla

Toxic Substances Control Act

(TSCA): Consumer Product Safety All ingredients are found on the inventory list of substances.

Comission (CPSC): This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

| Hazardous  | Air Pollutants               |  |  |
|--|------------------------------|--|--|
|  | methyl isobutyl ketone       |  |  |
|  | xylene (mix)                 |  |  |
|  | ethyl benzene                |  |  |
| 136-52-7   | cobalt bis(2-ethylhexanoate) |  |  |
| California Proposition 65 chemicals known to cause cancer: |                              |  |  |
|  | titanium dioxide             |  |  |
|  | methyl isobutyl ketone       |  |  |
| 1333-86-4  | Carbon black                 |  |  |

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

108-10-1 methyl isobutyl ketone

100-41-4 ethyl benzene

CANADIAN ENVIRONMENTAL

DPOTECTION ACT All hazardous ingredients for this product appear on the Canadian Domestic Substance List

| TROTEOTION ACT.                 | All hazardous ingredients for this product appear on the Canadian Domestic   | Substance List.       |
|---------------------------------|--|-----------------------|
| EPA:                            |  |                       |
| 67-64-1 Acetone                 |  | I                     |
| 7727-43-7 barium sulfate        |  | D, CBD(inh), NL(oral) |
| 110-19-0 Isobutyl Acetate       |  | D                     |
| 108-10-1 methyl isobutyl ketone |  | I                     |
| CHC label elements              | The product is electified and labeled asserting to the Clobelly Hermanized S | votem (CHC)           |

GHS label elements

Γhe product is classified and labeled according to the Globally Harmonized System (GHS).

**Precautionary statements** Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.
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.

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.
IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell. Get medical advice/attention if you feel unwell.

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# Safety Data Sheet acc. to OSHA HCS

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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/inational/international regulations.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### 16 Other information

This product was manufactured in the U.S.A.

The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Regulatory Affairs

11/07/2024 08/07/2025 Date of previous version Date of preparation

IMDG: International Maritime Code for Dangerous Goods Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent EPA: Environmental Protection Agency IARC: International Agency for the Research of Cancer NIOSH: National Institute for Occupational Safety and Health TSCA: Toxic Substances Control Act CPSC: Consumer Product Safety Commission TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit

REI: Biological Exposure Limit

Aerosols 1: Aerosols – Category 1

Eye irritation 2A: Serious eye damage/eye irritation – Category 2A

Carcinogenicity 2: Carcinogenicity – Category 2

Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3

Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2