

## Safety Data Sheet

Printing date 01/20/2017

Revised On 01/20/2017

## 1 Identification of the substance and manufacturer

**Trade name:** RUST MASTER PLUS

**Product code:** 80351

**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 H335-H336 May cause respiratory irritation. 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 respiratory irritation. 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.  
Do not pierce or burn, even after use.  
Wash hands thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
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 eye irritation persists: Get medical advice/attention.  
Store locked up.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
Protect from sunlight. Store in a well-ventilated place.  
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	19.2%
74-98-6	propane	15.75%
14807-96-6	Talc	12.98%
540-88-5	tert-butyl acetate	11.96%
106-97-8	n-butane	9.25%
57-55-6	propylene glycol	2.48%
108-10-1	methyl isobutyl ketone	2.33%
107-87-9	Methyl Propyl Ketone	2.08%
123-42-2	diacetone alcohol	2.06%
108-65-6	PM acetate	1.26%

## 4 First-aid measures

## After inhalation:

## After skin contact:

## After eye contact:

## After swallowing:

## Most important symptoms and effects:

## Indication of any immediate medical attention needed:

Supply fresh air; consult doctor in case of complaints.

Remove contaminated clothing. Wash exposed area with soap and water.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Rinse mouth with water. Do not induce vomiting.

Dizziness

No further relevant information available.

## 5 Fire-fighting measures

## Extinguishing agents:

## Special hazards:

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

Can form explosive gas-air mixtures.

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**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 ppmREL (USA) Long-term value: 590 mg/m<sup>3</sup>, 250 ppmTLV (USA) Short-term value: 1187 mg/m<sup>3</sup>, 500 ppmLong-term value: 594 mg/m<sup>3</sup>, 250 ppm

BEI

**74-98-6 propane**PEL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppmREL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

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

**540-88-5 tert-butyl acetate**PEL (USA) Long-term value: 950 mg/m<sup>3</sup>, 200 ppmREL (USA) Long-term value: 950 mg/m<sup>3</sup>, 200 ppmTLV (USA) Short-term value: 712 mg/m<sup>3</sup>, 150 ppmLong-term value: 238 mg/m<sup>3</sup>, 50 ppm**106-97-8 n-butane**REL (USA) Long-term value: 1900 mg/m<sup>3</sup>, 800 ppmTLV (USA) Short-term value: (2370) mg/m<sup>3</sup>, (1000) ppm

NIC-EX

**57-55-6 propylene glycol**WEEL (USA) Long-term value: 10 mg/m<sup>3</sup>**108-10-1 methyl isobutyl ketone**PEL (USA) Long-term value: 410 mg/m<sup>3</sup>, 100 ppmREL (USA) Short-term value: 300 mg/m<sup>3</sup>, 75 ppmLong-term value: 205 mg/m<sup>3</sup>, 50 ppmTLV (USA) Short-term value: 307 mg/m<sup>3</sup>, 75 ppmLong-term value: 82 mg/m<sup>3</sup>, 20 ppm

BEI

**107-87-9 Methyl Propyl Ketone**PEL (USA) Long-term value: 700 mg/m<sup>3</sup>, 200 ppmREL (USA) Long-term value: 530 mg/m<sup>3</sup>, 150 ppmTLV (USA) Short-term value: 529 mg/m<sup>3</sup>, 150 ppm**123-42-2 diacetone alcohol**PEL (USA) Long-term value: 240 mg/m<sup>3</sup>, 50 ppmREL (USA) Long-term value: 240 mg/m<sup>3</sup>, 50 ppmTLV (USA) Long-term value: 238 mg/m<sup>3</sup>, 50 ppm**108-65-6 PM acetate**

WEEL (USA) Long-term value: 50 ppm

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

BEI (USA) 50 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 charcoal filter respirator should be

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**Hand protection:** worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.  
Nitrile gloves.

**Eye protection:** Protective gloves. The glove material must be impermeable and resistant to the substance.  
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:** 42.1 %

## 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:

## 106-97-8 n-butane

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

## 108-10-1 methyl isobutyl ketone

Oral	LD50	2100 mg/kg (rat)
Dermal	LD50	16000 mg/kg (rab)
Inhalative	LC50/4 h	8.3-16.6 mg/l (rat)

## 123-42-2 diacetone alcohol

Oral	LD50	4000 mg/kg (rat)
Dermal	LD50	13630 mg/kg (rab)

## 108-65-6 PM acetate

Oral	LD50	8500 mg/kg (rat)
Inhalative	LC50/4 h	35.7 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.

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**Recommendation:** Completely empty cans should be recycled.

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## 14 Transport information

**UN-Number** UN1950  
**DOT** N/A  
**DOT** Consumer Commodity ORM-D  
 Aerosols, flammable  
**ADR** 1950 Aerosols  
**Transport hazard class(es):**  
**Class** 2.1  
**Marine pollutant:** No  
**Special precautions for user:** Warning: Gases  
**EMS Number:** F-D,S-U  
**Quantity limitations** On passenger aircraft/rail: 75 kg  
 On cargo aircraft only: 150 kg

**ADR**  
**Excepted quantities (EQ)** Code: E0  
 Not permitted as Excepted Quantity

## IMDG

**Limited quantities (LQ)** 1L  
**Excepted quantities (EQ)** Code: E0  
 Not permitted as Excepted Quantity  
**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):

108-10-1 methyl isobutyl ketone

**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:

108-10-1 methyl isobutyl ketone

1333-86-4 Carbon black

100-41-4 ethyl benzene

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

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

108-10-1 methyl isobutyl ketone

## 16 Other information

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