

Safety Data Sheet

Printing date 04/15/2015

Revised On 03/12/2015

1 Identification of the substance and manufacturer

Trade name: MRO SAFETY ORANGE
Product code: 0006201451
IBS Part Number: 81451
Product category: PC9a Paints and coatings.
Manufacturer/Supplier: Seymour of Sycamore
 917 Crosby Avenue, Sycamore, IL 60178
 Phone: 815-895-9101 www.seymourpaint.com
Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.



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.
 Carc. 2 H351 Suspected of causing cancer.
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.

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.
 Suspected of causing cancer.
 May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.
 If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 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.
 Pressurized container: 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 handle until all safety precautions have been read and understood.
 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.
 Store in a well-ventilated place. Keep container tightly closed.
 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	19.55%
74-98-6	propane	15.74%
106-97-8	n-butane	9.24%
7727-43-7	barium sulfate, natural	8.79%
108-10-1	methyl isobutyl ketone	5.41%
2807-30-9	Glycol Ether EP	5.28%
108-65-6	PM acetate	3.46%
107-87-9	Methyl Propyl Ketone	2.79%
1330-20-7	xylene (mix)	2.44%
110-19-0	isobutyl acetate	1.81%

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.
Most important symptoms and effects: Dizziness

(Contd. on page 2)

Safety Data Sheet

Printing date 04/15/2015

Revised On 03/12/2015

Trade name: MRO SAFETY ORANGE

(Contd. of page 1)

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: Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and material for containment and cleaning up: Ensure adequate ventilation.

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 ppm
REL (USA) Long-term value: 590 mg/m³, 250 ppm
TLV (USA) Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
Long-term value: (1188) NIC-594 mg/m³, (500) NIC-250 ppm
BEI

74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm
REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
TLV (USA) refer to Appendix F

106-97-8 n-butane

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

7727-43-7 barium sulfate, natural

PEL (USA) Long-term value: 15* 5** mg/m³
*total dust **respirable fraction
REL (USA) Long-term value: 10* 5** mg/m³
*total dust **respirable fraction
TLV (USA) Long-term value: 5* mg/m³
*inhalable fraction; E

108-10-1 methyl isobutyl ketone

PEL (USA) Long-term value: 410 mg/m³, 100 ppm
REL (USA) Short-term value: 300 mg/m³, 75 ppm
Long-term value: 205 mg/m³, 50 ppm
TLV (USA) Short-term value: 307 mg/m³, 75 ppm
Long-term value: 82 mg/m³, 20 ppm
BEI

108-65-6 PM acetate

WEEL (USA) Long-term value: 50 ppm

107-87-9 Methyl Propyl Ketone

PEL (USA) Long-term value: 700 mg/m³, 200 ppm
REL (USA) Long-term value: 530 mg/m³, 150 ppm
TLV (USA) Short-term value: 529 mg/m³, 150 ppm

1330-20-7 xylene (mix)

PEL (USA) Long-term value: 435 mg/m³, 100 ppm
REL (USA) Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm
TLV (USA) Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI

110-19-0 isobutyl acetate

PEL (USA) Long-term value: 700 mg/m³, 150 ppm
REL (USA) Long-term value: 700 mg/m³, 150 ppm
TLV (USA) Long-term value: 713 mg/m³, 150 ppm

(Contd. on page 3)

Safety Data Sheet

Printing date 04/15/2015

Revised On 03/12/2015

Trade name: MRO SAFETY ORANGE

(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)

108-10-1 methyl isobutyl ketone

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

1330-20-7 xylene (mix)

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

Hygienic protection:

Keep away from foodstuffs and animal feed. Wash hands after use.
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:

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)
Vapour density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octanol/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
VOC content:	493.9 g/l / 4.12 lb/gl
VOC content (less exempt solvents):	47.0 %
MIR Value:	1.09
Solids content:	33.0 %

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

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

(Contd. on page 4)

Safety Data Sheet

Printing date 04/15/2015

Revised On 03/12/2015

Trade name: MRO SAFETY ORANGE

(Contd. of page 3)

108-65-6 PM acetate

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

1330-20-7 xylene (mix)

Oral	LD50	8700 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rbt)
Inhalative	LC50/4 h	6350 mg/l (rat)

110-19-0 isobutyl acetate

Oral	LD50	4763 mg/kg (rbt)
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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.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

108-10-1	methyl isobutyl ketone	2B
1330-20-7	xylene (mix)	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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 UN1950
DOT Consumer Commodity ORM-D
ADR Aerosols, flammable
Transport hazard class(es): 1950 Aerosols
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):

7727-43-7	barium sulfate, natural
108-10-1	methyl isobutyl ketone
1330-20-7	xylene (mix)

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
13463-67-7	titanium dioxide
100-41-4	ethyl benzene

CANADIAN ENVIRONMENTAL PROTECTION 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, natural	D, CBD(inh), NL(oral)
108-10-1	methyl isobutyl ketone	I
1330-20-7	xylene (mix)	I
110-19-0	isobutyl acetate	D

USDA (United States Department of Agriculture):

Category 21: This product was manufactured to conform to the USDA Food Safety and Inspection Service performance standards. These standards include, but are not limited to, the

(Contd. on page 5)

Safety Data Sheet

Printing date 04/15/2015

Revised On 03/12/2015

Trade name: MRO SAFETY ORANGE

(Contd. of page 4)
ability of this product to be safe for use in official meat and poultry establishments, and to perform well under a daily regimen of thorough cleaning, cyclical temperature change, and wet conditions. This product may be used where there is a possibility of incidental food contact.

16 Other information

Contact: Regulatory Affairs
Date of preparation / last revision 04/15/2015 / -