

## Safety Data Sheet

Printing date 01/05/2018

Revised On 01/05/2018

## 1 Identification of the substance and manufacturer

**Trade name:** SAFETY ORANGE  
**Product code:** 0006201451  
**Manufacturer/Supplier:** Seymour of Sycamore  
 917 Crosby Avenue  
 Sycamore, IL 60178 USA  
 phone: 815-895-9101  
 www.seymourpaint.com  
**Emergency telephone number:** 1-800-255-3924

Seymour of Sycamore  
 3041 Dougall Avenue, Suite 503  
 Windsor, ONT N9E 1S3 CANADA  
 phone: 800-435-4482  
 www.seymourpaint.com

## 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

Danger

## Hazard-determining components of labeling:

Acetone  
butyl acetate

## Hazard statements

Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 Causes serious eye irritation.  
 May cause drowsiness or dizziness.

## Precautionary statements

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.  
 Pressurized container: Do not pierce or burn, even after use.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash hands 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.  
 If eye irritation persists: Get medical advice/attention.  
 Store in a well-ventilated place.  
 Store locked up.  
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

## Physical dangers:

## Effects of chronic overexposure:

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.

## 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              | 18.7%  |
| 74-98-6   | propane              | 15.74% |
| 106-97-8  | n-butane             | 9.24%  |
| 7727-43-7 | barium sulfate       | 8.94%  |
| 110-19-0  | Isobutyl Acetate     | 7.005% |
| 2807-30-9 | Glycol Ether EP      | 6.71%  |
| 108-65-6  | PM acetate           | 3.5%   |
| 123-86-4  | butyl acetate        | 3.4%   |
| 107-87-9  | Methyl Propyl Ketone | 1.38%  |

## 4 First-aid measures

## Description of 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.

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**Information for doctor:****Most important symptoms and effects:**

Dizziness

**Indication of any immediate medical attention needed:**

No further relevant information available.

**5 Fire-fighting measures****Extinguishing media****Extinguishing agents:**CO<sub>2</sub>, 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.

**Additional information**

Cool endangered receptacles with water spray.

**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.

**Environmental precautions:**

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

**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.

**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 remaining constituent has no known exposure limits.

**67-64-1 Acetone**PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppmREL Long-term value: 590 mg/m<sup>3</sup>, 250 ppmTLV 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 Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppmREL Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

TLV refer to Appendix F in TLVs&amp;BEIs book; D, EX

**106-97-8 n-butane**REL Long-term value: 1900 mg/m<sup>3</sup>, 800 ppmTLV Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm (EX)**7727-43-7 barium sulfate**PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>

\*total dust \*\*respirable fraction

REL Long-term value: 10\* 5\*\* mg/m<sup>3</sup>

\*total dust \*\*respirable fraction

TLV Long-term value: 5\* mg/m<sup>3</sup>

\*inhalable fraction; E

**110-19-0 Isobutyl Acetate**PEL Long-term value: 700 mg/m<sup>3</sup>, 150 ppmREL Long-term value: 700 mg/m<sup>3</sup>, 150 ppmTLV Short-term value: 712 mg/m<sup>3</sup>, 150 ppmLong-term value: 238 mg/m<sup>3</sup>, 50 ppm**108-65-6 PM acetate**

WEEL Long-term value: 50 ppm

**123-86-4 butyl acetate**PEL Long-term value: 710 mg/m<sup>3</sup>, 150 ppmREL Long-term value: 950 mg/m<sup>3</sup>, 200 ppmTLV Short-term value: 712 mg/m<sup>3</sup>, 150 ppmLong-term value: 238 mg/m<sup>3</sup>, 50 ppm**107-87-9 Methyl Propyl Ketone**PEL Long-term value: 700 mg/m<sup>3</sup>, 200 ppm

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|     |   |
|-----|---|
| REL | Long-term value: 530 mg/m <sup>3</sup> , 150 ppm  |
| TLV | Short-term value: 529 mg/m <sup>3</sup> , 150 ppm |

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

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

**Exposure controls****Hygienic protection:**

Keep away from foodstuffs and animal feed. Wash hands after use.  
Immediately remove all soiled and contaminated clothing.  
Wash hands after use.

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.

The glove material must be impermeable and resistant to the substance.

**Eye protection:**

Tightly sealed goggles

**9 Physical and chemical properties****General Information:**

|                        |                 |
|------------------------|-----------------|
| <b>Appearance:</b>     | Aerosol.        |
| <b>Odor:</b>           | Aromatic        |
| <b>Odor threshold:</b> | Not determined. |

**pH-value:** Not determined.

**Melting point/Melting range** Undetermined.

**Boiling point:** -44 °C (-47.2 °F)

**Flash point:** -19 °C (-2.2 °F)

**Decomposition temperature:** Not determined.

**Auto igniting:** 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.

**Lower Explosion Limit:** 1.7 Vol %

**Upper Explosion Limit:** 10.9 Vol %

**Vapor pressure:** 40 PSI 2750 hPa

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

**Relative Density:** Between 0.77 and 0.85 (Water equals 1.00)

**Vapor density** Not determined.

**Evaporation rate** Not applicable.

**Partition coefficient: n-octonal/water:** Not determined.

**Solubility:** Not determined.

**Viscosity:** Not determined.

**Dynamic:** Not determined.

**Kinematic:** Not determined.

**Water:** 0.0 %

**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.

**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) |
|------------|----------|----------------|

**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) |
|------------|----------|-----------------|

**123-86-4 butyl acetate**

|      |      |                    |
|------|------|--------------------|
| Oral | LD50 | 14,000 mg/kg (rat) |
|------|------|--------------------|

|            |          |                |
|------------|----------|----------------|
| Inhalative | LC50/4 h | >21 mg/l (rat) |
|------------|----------|----------------|

**Skin effects:** No irritant effect.

**Eye effects:** Irritating effect.

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Sensitization: No sensitizing effects known.

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

None of the ingredients is listed.

**NTP (National Toxicology Program)**

None of the ingredients is listed.

**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), or chlorinated solvents.**Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**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.**14 Transport information****UN-Number** UN1950**DOT** N/A**UN proper shipping name:****DOT** Consumer Commodity ORM-D  
AEROSOLS, flammable**Transport hazard class(es):****Class** 2.1**Marine pollutant:** No**Special precautions for user:** Warning: Gases**EMS Number:** F-D,S-U**Stowage Code** SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

**Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.**Packaging Group:** --**15 Regulatory information****Toxic Substances Control Act (TSCA):**

All hazardous ingredients for this product are found on the inventory list of substances.

**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:**

13463-67-7 titanium dioxide

108-10-1 methyl isobutyl ketone

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:**

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

**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 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.

**GHS label elements****Hazard statements**

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

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**Precautionary statements**

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.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash hands 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.  
 If eye irritation persists: Get medical advice/attention.  
 Store in a well-ventilated place.  
 Store locked up.  
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 Dispose of contents/container in accordance with local/regional/national/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.

**Contact:** Regulatory Affairs

**Date of preparation / last revision** 01/05/2018 / -

**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  
 Flam. Aerosol 1: Aerosols – Category 1  
 Press. Gas: Gases under pressure – Liquefied gas  
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2