

# Safety Data Sheet

Page 1/4

Printing date 12/11/2015

Revised On 12/11/2015

## 1 Identification of the substance and manufacturer

**Trade name:** 625 RED TEMPORARY EVENT MARKER  
**Product code:** MO00200625  
**Product category:** PC9a Paints and coatings.  
**Manufacturer/Supplier:** MISSOURI TURF PAINT  
 1201 E. 63RD STREET  
 KANSAS CITY MO 64110  
 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.  
 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 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.  
 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	24.66%
67-63-0	isopropyl alcohol	18.84%
74-98-6	propane	17.52%
1317-65-3	Calcium Carbonate	17.24%
106-97-8	n-butane	10.29%
2807-30-9	Glycol Ether EP	3.22%
2425-85-6	Red Pigment	1.12%

## 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.  
**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.

(Contd. on page 2)

# Safety Data Sheet

Page 2/4

Printing date 12/11/2015

Revised On 12/11/2015

Trade name: RED TEMPORARY EVENT MARKER

(Contd. of page 1)

## 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 ppm

REL (USA) Long-term value: 590 mg/m<sup>3</sup>, 250 ppm

TLV (USA) Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm

Long-term value: 594 mg/m<sup>3</sup>, 250 ppm

BEI

### 67-63-0 isopropyl alcohol

PEL (USA) Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

REL (USA) Short-term value: 1225 mg/m<sup>3</sup>, 500 ppm

Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

TLV (USA) Short-term value: 984 mg/m<sup>3</sup>, 400 ppm

Long-term value: 492 mg/m<sup>3</sup>, 200 ppm

BEI

### 74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

REL (USA) Long-term value: 1800 mg/m<sup>3</sup>, 1000 ppm

TLV (USA) refer to Appendix F in TLVs and BEIs book

### 106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m<sup>3</sup>, 800 ppm

TLV (USA) Short-term value: 2370 mg/m<sup>3</sup>, 1000 ppm

**Ingredients with biological limit values:**

### 67-64-1 Acetone

BEI (USA) 50 mg/L

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

### 67-63-0 isopropyl alcohol

BEI (USA) 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

**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 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:**

1.5 Vol %

**Upper Explosion Limit:**

12.0 Vol %

(Contd. on page 3)

# Safety Data Sheet

Page 3/4

Printing date 12/11/2015

Revised On 12/11/2015

Trade name: RED TEMPORARY EVENT MARKER

(Contd. of page 2)

**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-octonal/water:** Not determined.  
**Solubility:** Not determined.  
**Viscosity:** Not determined.  
**VOC content:** 555.4 g/l / 4.63 lb/gl  
**VOC content (less exempt solvents):** 51.3 %  
**Water:** 1.6 %  
**MIR Value:** 0.70  
**Solids content:** 21.9 %

## 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:

#### 67-63-0 isopropyl alcohol

Oral	LD50	4570 mg/kg (rat)
Dermal	LD50	13400 mg/kg (rab)
Inhalative	LC50/4 h	30 mg/l (rat)

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

Inhalative	LC50/4 h	658 mg/l (rat)
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#### 2425-85-6 Red Pigment

Oral	LD50	>5000 mg/kg (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.

### Carcinogenic categories

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

67-63-0	isopropyl alcohol	3
2425-85-6	Red Pigment	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 easily degradable. However, a residual mark may remain.  
**Bioaccumulative potential:** The product is degradable after prolonged exposure to natural weathering processes.  
**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** 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  
**Quantity limitations** On passenger aircraft/rail: 75 kg  
 On cargo aircraft only: 150 kg

(Contd. on page 4)

# Safety Data Sheet

Page 4/4

Printing date 12/11/2015

Revised On 12/11/2015

**Trade name: RED TEMPORARY EVENT MARKER**

(Contd. of page 3)

**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):

67-63-0 isopropyl alcohol

**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:

None of the ingredients in this product are listed.

### CANADIAN ENVIRONMENTAL PROTECTION ACT:

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

### EPA:

67-64-1 Acetone

## 16 Other information

**Contact:** Regulatory Affairs  
**Date of preparation / last revision** 12/11/2015 / -