

## Safety Data Sheet

Printing date 02/08/2017

Revised On 02/08/2016

## 1 Identification of the substance and manufacturer

**Trade name:** Traffic Handicap Blue  
**Product code:** 634  
**Product category:** PC9a Paints and coatings.  
**Manufacturer/Supplier:** Brodi Specialty Products Ltd  
 3175 14th Avenue Unit 1  
 Markham On L3R 0H1  
 Phone: 877 744 0751 www.brodi.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.  
 STOT SE 3 H335 May cause respiratory irritation.  
 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.  
 May cause respiratory irritation.  
 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.  
 Use only outdoors or in a well-ventilated area.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER/doctor if you feel unwell.

### Precautionary statements

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:

64742-89-8	VM&P Naphtha	24.62%
74-98-6	propane	12.6%
7727-43-7	barium sulfate, natural	7.47%
106-97-8	n-butane	7.4%
1317-65-3	Calcium Carbonate	6.54%
13463-67-7	titanium dioxide	4.41%
64742-47-8	Mineral Spirits	2.75%
1330-20-7	xylene (mix)	1.45%
108-65-6	PM acetate	1.09%

## 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. Then 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

### Indication of any immediate medical attention needed:

No further relevant information available.

## 5 Fire-fighting measures

**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.

## 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.

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**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:****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

**7727-43-7 barium sulfate, natural**

PEL (USA) Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
 \*total dust \*\*respirable fraction  
 REL (USA) Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
 \*total dust \*\*respirable fraction  
 TLV (USA) Long-term value: 5\* mg/m<sup>3</sup>  
 \*inhalable fraction; E

**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

**1330-20-7 xylene (mix)**

PEL (USA) Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
 REL (USA) Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 435 mg/m<sup>3</sup>, 100 ppm  
 TLV (USA) Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
 BEI

**108-65-6 PM acetate**

WEEL (USA) Long-term value: 50 ppm

**Ingredients with biological limit values:****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.  
 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.  
 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-octonal/water:** Not determined.  
**Solubility:** Not determined.

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**Viscosity:** Not determined.  
**VOC content:** 511.7 g/l / 4.27 lb/gl  
**VOC content (less exempt solvents):** 50.7 %  
**Water:** 19.4 %  
**MIR Value:** 0.63  
**Solids content:** 28.6 %

**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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**13463-67-7 titanium dioxide**

Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rbt)
Inhalative	LC50/4 h	>6.82 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)

**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:** No irritating effect.  
**Sensitization:** No sensitizing effects known.

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

13463-67-7	titanium dioxide	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

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**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

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:**

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

**CANADIAN ENVIRONMENTAL  
PROTECTION ACT:  
WHMIS Symbols for Canada:**All hazardous ingredients for this product appear on the Canadian Domestic Substance List.  
A - Compressed gas**EPA:**

7727-43-7 barium sulfate, natural

D, CBD(inh), NL(oral)

1330-20-7 xylene (mix)

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**16 Other information****Contact:**

Regulatory Affairs

**Date of preparation / last revision**

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