

## Safety Data Sheet

Printing date 05/29/2015

Revised On 05/29/2015

**1 Identification of the substance and manufacturer**

Trade name: LINE UP BLUE  
 Product code: 4392  
 Product category: PC9a Paints and coatings.  
 Manufacturer/Supplier: ATCO International  
 1401 BARCLAY CIRCLE, SE  
 MARIETTA, GA 30060 United States.  
 770-424-7550  
 Emergency telephone number: 1-800-255-3924

**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.  
 Eye Irrit. 2A H319 Causes serious eye irritation.

**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.

**Precautionary statements**

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.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Do not handle until all safety precautions have been read and understood.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 IF exposed or concerned: Get medical advice/attention.  
 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.  
 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:		
74-98-6	propane	17.64%
64742-89-8	VM&P Naphtha	17.63%
1317-65-3	Calcium Carbonate	14.78%
106-97-8	n-butane	10.36%
64742-47-8	Mineral Spirits	4.2%
13463-67-7	titanium dioxide	1.33%

**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.

(Contd. on page 2)

## Safety Data Sheet

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Revised On 05/29/2015

Trade name: LINE UP BLUE

(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  
Storage requirements:

Use only in well ventilated areas.

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

TLV (USA) refer to Appendix F

**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

Hygienic protection:

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:

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:

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:

533.8 g/l / 4.45 lb/gl

VOC content (less exempt solvents):

51.8 %

Water:

23.8 %

MIR Value:

0.58

Solids content:

23.4 %

**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.

(Contd. on page 3)

## Safety Data Sheet

Printing date 05/29/2015

Revised On 05/29/2015

Trade name: LINE UP BLUE

(Contd. of page 2)

**11 Toxicological Information****LD/LC50 values that are relevant for classification:****106-97-8 n-butane**

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

**13463-67-7 titanium dioxide**

Oral LD50 &gt;20000 mg/kg (rat)

Dermal LD50 &gt;10000 mg/kg (rbt)

Inhalative LC50/4 h | &gt;6.82 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

**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

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

Packaging Group:

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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):**

None of the ingredients is 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:**

13463-67-7 | titanium dioxide

100-41-4 | ethyl benzene

1333-86-4 | Carbon black

**CANADIAN ENVIRONMENTAL PROTECTION ACT:**

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

**EPA:**

None of the ingredients is listed.

**16 Other information**

Contact:

Regulatory Affairs

Date of preparation / last revision

05/29/2015 / -

## Safety Data Sheet

Printing date 07/02/2015

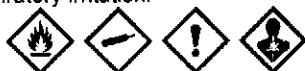
Revised On 07/02/2015

**1 Identification of the substance and manufacturer**

Trade name: LINE UP RED  
 Product code: 4398  
 Product category: Paints and coatings.  
 Manufacturer/Supplier: ATCO International  
 1401 Barclay Circle, S.E.  
 Marietta, GA 30060  
 Phone: 770-424-7550  
 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.  
 Skin Irrit. 2 H315 Causes skin irritation.  
 Eye Irrit. 2B H320 Causes eye irritation.  
 Carc. 1B H350 May cause cancer.  
 STOT SE 3 H335 May cause respiratory irritation.

**GHS Hazard pictograms**

GHS02 GHS04 GHS07 GHS08

**Signal word**

Danger

**Hazard statements**

Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 Causes skin and eye irritation.  
 May cause cancer.

**Precautionary statements**

May cause respiratory irritation.  
 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.  
 Do not handle until all safety precautions have been read and understood.  
 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 Wear protective gloves.  
 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 skin irritation occurs: Get medical advice/attention.  
 If on skin: Wash with plenty of water.  
 If eye irritation persists: Get medical advice/attention.  
 Take off contaminated clothing and wash it before reuse.  
 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.

**3 Composition/information on ingredients****Chemical characterization: Mixtures**

**Chemical Description:** This product is a mixture of the substances listed below with nonhazardous additions.

<b>Dangerous components:</b>	
64742-89-8 VM&P Naphtha	16.04%
74-98-6 propane	15.13%
1317-65-3 Calcium Carbonate	12.72%
106-97-8 n-butane	8.88%
64742-47-8 Mineral Spirits	4.21%

**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.

(Contd. on page 2)

## Safety Data Sheet

Printing date 07/02/2015

Revised On 07/02/2015

Trade name: LINE UP RED

(Contd. of page 1)

**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.  
Dispose contaminated material as waste according to section 13.

**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**

REL (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

**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

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

Immediately remove all soiled and contaminated clothing.

Wash hands after use.

Store protective clothing separately.

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:** 486.9 g/l / 4.06 lb/gl

**VOC content (less exempt solvents):** 45.8 %

**Water:** 33.1 %

**MIR Value:** 0.58

**Solids content:** 19.8 %

**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.

(Contd. on page 3)

## Safety Data Sheet

Printing date 07/02/2015

Revised On 07/02/2015

Trade name: LINE UP RED

(Contd. of page 2)

**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)

**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)

None of the ingredients is listed.

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
ADR	Consumer Commodity ORM-D
Transport hazard class(es):	Aerosols, flammable
Class	1950 Aerosols
Marine pollutant:	2.1
Special precautions for user:	No
EMS Number:	Warning: Gases
Packaging Group:	F-D,S-U
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):

None of the ingredients is 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:

100-41-4 Ethyl benzene

CANADIAN ENVIRONMENTAL

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

EPA:

None of the ingredients is listed.

**16 Other information**

**Contact:** Regulatory Affairs  
**Date of preparation / last revision** 07/02/2015 / -