

Bon[®]

SAFETY DATA SHEET

#84-794 MARKING PAINT- FLUORESCENT RED

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Marking Paint - Fluorescent Red

Other Means of Identification: 84-794

Manufacturer/Supplier:

Bon Tool Co.
4430 Gibsonia Rd.
Gibsonia, PA 15055
www.bontool.com

Telephone Numbers

Phone: 800-444-7060
Fax: 800-444-7065

Emergency Phone:

Chem-Tel: 800-255-3924

Revised on: 01/04/2018

2. HAZARD 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.

Pictograms: 

Signal Word: DANGER

Hazard Statements:

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement(s):

Prevention:

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.

Use only outdoors or in a well-ventilated area.

Response:

P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Storage: P403+P235+P233 Store in a well-ventilated place.
P405 Store locked up.

Disposal: 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

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

Component:

| | | |
|-------------------|----------------|--------|
| VM&P Naphtha | CAS#64742-89-8 | 18.26% |
| Propane | CAS#74-98-6 | 15.13% |
| Calcium Carbonate | CAS#1317-65-3 | 11.43% |
| n-butane | CAS#106-97-8 | 8.88% |
| Mineral Spirits | CAS#64742-47-8 | 3.8% |
| Isobutyl Acetate | CAS#110-19-0 | 3.21% |

4. FIRST-AID MEASURES

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth if conscious.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Specific Hazards Arising From The Chemical

Can form explosive gas-air mixtures.

Protective Equipment and Precautions for Firefighting

A respiratory protective device may be necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways

Methods and Material for Containment and Cleaning Up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond the container and receiving equipment. Take measures to prevent the buildup of electrostatic charge. Use non-sparking tools. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for Safe Storage, Including any Incompatibilities

Keep container tightly closed in a dry, cool and well ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limit:

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 in TLVs&BEIs book; D, EX

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
(EX)

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) Short-term value: 712 mg/m³, 150 ppm
Long-term value: 238 mg/m³, 50 ppm

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection

Use proper protection - Safety glasses or tightly sealed goggles as a minimum

Skin and Body Protection:

Nitrile gloves. The glove material must be impermeable and resistant to the substance. Wash skin promptly upon any skin contact.

Respiratory Protection:

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.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aerosol
Color: Fluorescent Red

Odor: Aromatic
Odor threshold: Not determined

| <u>Property</u> | <u>Value</u> | <u>Remarks</u> |
|--|--|----------------|
| pH-value: | Not determined. | |
| Melting point/Melting range | Undetermined. | |
| Boiling point: | -44 °C (-47.2 °F) | |
| Flash point: | -19 °C (-2.2 °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) | |
| Vapor density: | Not determined. | |
| Evaporation rate: | Not applicable. | |
| Partition coefficient n-octonal/water: | Not determined. | |
| Solubility: | Not determined. | |
| Viscosity: | Not determined. | |
| Water: | 24.5 % | |

10. STABILITY AND REACTIVITY

Chemical Stability: Not fully evaluated

Possibility of Hazardous Reactions: No dangerous reactions known

Conditions to Avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: 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)

Information on toxicological effects: No data available.

Skin effects: No irritant effect.

Eye effects: No irritating effect.

Sensitization: No sensitizing effects known.

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

Waste Treatment Methods

Disposal of Wastes: 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 |
| Special precautions for user: | Warning: Gases |

| | |
|---------------------------------------|--|
| EMS Number: | F-D,S-U |
| Storage 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. |
| Quantity limitations | On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg |
| 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": | UN 1950 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.

Toxic Substances Control Act

(TSCA): All hazardous ingredients for this product are found on the inventory list of substances.

Consumer Product Safety

Comission (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

California Proposition 65 chemicals known to cause birth defects or reproductive harm:

None of the ingredients in this product are listed.

EPA:

110-19 Isobutyl Acetate D

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet