

# SAFETY DATA SHEET

## Bulldog Aerosol Adhesion Promoter

Page: 1

Revision: 05/23/2016  
Supersedes Revision: 05/04/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Bulldog Aerosol Adhesion Promoter

**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113

**Phone Number:** (901)775-0100

**Web site address:** www.wmbarr.com

**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346  
**Information:** W.M. Barr Customer Service (800)398-3892

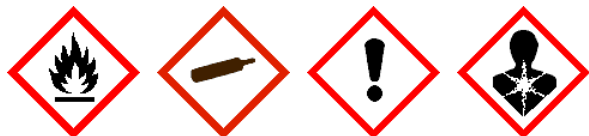
**Intended Use:** Paint adhesion.

**Product Code:** ETPO123, ETPO123B, ETPO123BCN

**Additional Information** This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

### 2. HAZARDS IDENTIFICATION

Flammable Aerosols, Category 1  
Gas Under Pressure, Liquefied gas  
Skin Corrosion/Irritation, Category 2  
Serious Eye Damage/Eye Irritation, Category 2A  
Skin Sensitization, Category 1  
Germ Cell Mutagenicity, Category 2  
Carcinogenicity, Category 2  
Toxic To Reproduction, Category 2  
Specific Target Organ Toxicity (single exposure), Category 3  
Specific Target Organ Toxicity (repeated exposure), Category 1  
Simple Asphyxiant



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H222: Extremely flammable aerosol.  
H280: Containers gas under pressure; may explode if heated.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
H341: Suspected of causing genetic defects.  
H351: Suspected of causing cancer, inhalation.  
H361: Suspected of damaging fertility or the unborn child.  
H372: Causes damage to organs through prolonged or repeated exposure.  
HUS1: May displace oxygen and cause rapid suffocation.

**GHS Precaution Phrases:** P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211: Do not spray on an open flame or any other ignition source.  
P251: Pressurized container: Do not pierce or burn, even after use.  
P260: Do not breathe gas/mist/vapors/spray.

# SAFETY DATA SHEET

## Bulldog Aerosol Adhesion Promoter

P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P281: Use personal protective equipment as required.

### GHS Response Phrases:

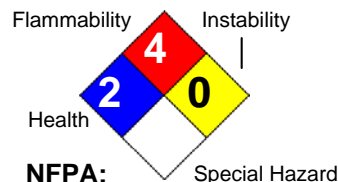
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+313: IF exposed or concerned: Get medical attention/advice.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P314: Get medical attention/advice if you feel unwell.  
P321: Specific treatment see label.  
P332+313: If skin irritation occurs, get medical advice/attention.  
P333+313: If skin irritation or rash occurs, seek medical advice/attention.  
P337+313: If eye irritation persists, get medical advice/attention.  
P362: Take off contaminated clothing and wash before re-use.  
P363: Wash contaminated clothing before reuse.

### GHS Storage and Disposal Phrases:

P403+233: Store container tightly closed in well-ventilated place.  
P405: Store locked up.  
P410+403: Protect from sunlight and store in well-ventilated place.  
P412: Do not expose to temperatures exceeding 50 °C/122 °F.  
P501: Dispose of contents/container according to local, state and federal regulations.

### Hazard Rating System:

HEALTH	*	2
FLAMMABILITY		4
PHYSICAL		0
PPE		X



### HMIS:

### OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

### Potential Health Effects (Acute and Chronic):

#### INHALATION ACUTE EXPOSURE EFFECTS:

Vapor Harmful. May cause dizziness, headache, irritation of the upper respiratory tract and lungs, irritation and injury to mucous membranes, watering of the eyes, weakness, drowsiness, nausea, loss of coordination, numbness in fingers, arms and legs, depression of the central nervous system, pulmonary edema, shortness of breath, loss of appetite, fatigue, stupor, anesthesia, narcosis, vomiting, lightheadedness, liver and kidney injury, insensibility and other central nervous system effects, blood disorders, nose tumors, brain damage, giddiness, olfactory changes, confusion, hearing impairment, slurred speech, coughing, hallucinations, irregular heartbeat, unconsciousness, coma, and death. Intentional misuse of this product by deliberately concentrating and inhaling vapors can be harmful or fatal.

#### SKIN CONTACT ACUTE EXPOSURE EFFECTS:

This product is a skin irritant. Product may be absorbed through the skin. May cause irritation, drying and cracking of the skin, defatting of the skin, dermatitis, itching, redness, swelling, tissue damage, inflammation, numbness in fingers and arms, discomfort or pain, erythema. May be absorbed readily to produce symptoms similar to those listed under ingestion.

#### EYE CONTACT ACUTE EXPOSURE EFFECTS:

This material is an eye irritant. May cause redness, tearing, corneal clouding, discomfort

# SAFETY DATA SHEET

## Bulldog Aerosol Adhesion Promoter

Page: 3

Revision: 05/23/2016

Supersedes Revision: 05/04/2015

or pain with excessive blinking and tear production, excess redness and possible slight swelling of the conjunctiva, stinging, conjunctivitis, visual intolerance to light. If not promptly removed, will injure eye tissue, which may result in permanent damage.

### INGESTION ACUTE EXPOSURE EFFECTS:

Harmful or fatal if swallowed. May cause dizziness, headache, drowsiness, nausea, weakness, loss of coordination, irritation to mouth, throat and stomach, vomiting, gastrointestinal irritation, diarrhea, loss of appetite, pain and discomfort, cough and hoarseness, salivation, changes in white blood cells, burning sensation in mouth and stomach, unconsciousness and coma. Ingestion of significant quantities may result in red blood cell hemolysis.

### CHRONIC EXPOSURE EFFECTS:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged skin contact may result in absorption of a harmful amount of this material. Prolonged or repeated contact may cause dermatitis. May cause dizziness, headaches, weakness, eye irritation, drying and cracking of the skin, dermatitis, fatigue, nausea, numbness in the hands and feet, permanent central nervous system changes, some loss of memory, liver and kidney damage, blood disorders, thyroid effects, enlarged liver, and irritation to the respiratory tract. Prolonged or repeated contact may cause skin irritation, even a burn. Prolonged exposure may cause slight swelling of the conjunctiva, blurring of vision may occur. Prolonged skin contact may cause mild to moderate redness and swelling.

**Medical Conditions Generally Aggravated By Exposure:** Diseases of the skin, liver, kidneys, cardiovascular system, and central nervous system.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
108-88-3	Toluene {Benzene, Methyl-; Toluol}	25.0 -50.0 %
115-10-6	Methyl ether {Dimethyl ether}	<35.0 %
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	<10.0 %
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	<10.0 %
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	<10.0 %
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	< 3.0 %
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	< 3.0 %
97-63-2	Ethyl methacrylate {2-Propenoic acid, 2-methyl-, ethyl ester}	< 2.0 %
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	< 2.0 %
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	< 2.0 %

### Additional Chemical Information

Specific percentage of composition is being withheld as a trade secret.

## 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**

**INHALATION:**

If user experiences breathing difficulty, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**SKIN CONTACT:**

Wash with soap and water. Get medical attention if irritation develops or persists.

**EYE CONTACT:**

Immediately flush eyes with water for at least 15 minutes. Remove contact lenses if worn. Seek medical attention.

**INGESTION:**

If swallowed, do NOT induce vomiting. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

**Signs and Symptoms Of Exposure:**

Primary Routes of Exposure: Inhalation, Skin Contact

## 5. FIRE FIGHTING MEASURES

**LEVEL 3 AEROSOL**

**Flash Pt:**

42.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)

**Explosive Limits:**

LEL: No data.

UEL: No data.

**Autoignition Pt:**

No data.

**Suitable Extinguishing Media:** Use carbon dioxide, dry powder, or foam.

**Fire Fighting Instructions:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

**Flammable Properties and Hazards:**

CPSC FLAMMABILITY: Flammable Aerosol

Flashpoint of dimethyl ether: -42 F (SCC)

Flashpoint of liquid product: 42 F (SCC)

Danger! Flammable! Keep away from heat, sparks, flame, and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other sources. Vapors can travel to a source of ignition and flash back.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a container where applicable.

Large spills: Dike far ahead of spill for later disposal.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.

Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.

**Precautions To Be Taken in Storing:** Store in a cool dry place. Avoid extreme high or low temperatures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
108-88-3	Toluene {Benzene, Methyl-; Toluol}	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
115-10-6	Methyl ether {Dimethyl ether}	No data.	No data.	No data.
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	PEL: 200 ppm	TLV: 200 ppm STEL: 300 ppm	No data.
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	PEL: 150 ppm	TLV: 150 ppm STEL: 200 ppm	No data.
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	No data.	TLV: 10 ppm	No data.

# SAFETY DATA SHEET

## Bulldog Aerosol Adhesion Promoter

Page: 6

Revision: 05/23/2016  
Supersedes Revision: 05/04/2015

100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	PEL: 100 ppm STEL: 600 ppm/(5min/3hr) CEIL: 200 ppm	TLV: 20 ppm STEL: 40 ppm	No data.
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	No data.	No data.	No data.
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	No data.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	PEL: 50 ppm	TLV: 20 ppm	No data.

**Respiratory Equipment (Specify Type):** For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors.

For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

**Eye Protection:** A faceshield or chemical splash goggles should be worn to prevent eye contact.

**Protective Gloves:** Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

**Other Protective Clothing:** Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

**Engineering Controls (Ventilation etc.):** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

**Work/Hygienic/Maintenance Practices:** Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ X ] Gas [ X ] Liquid [ ] Solid  
**Appearance and Odor:** Hazy, Light Yellow  
**Melting Point:** No data.  
**Boiling Point:** No data.  
**Autoignition Pt:** No data.  
**Flash Pt:** 42.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** 0.895 - 0.905  
**Density:** 7.49 LB/GL  
**Vapor Pressure (vs. Air or mm Hg):** <=31 MM HG at 20.0 C  
**Vapor Density (vs. Air = 1):** > 1  
**Evaporation Rate:** ~ 1  
**Solubility in Water:** No data.  
**Percent Volatile:** 90.4 % by weight.

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** No data available.  
**Incompatibility - Materials To Avoid:** Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydrogen peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.  
**Hazardous Decomposition or Byproducts:** Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic monomers, acrid smoke and fumes.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Product has not been tested as a whole. Refer to section 2 for acute and chronic health effects.  
CAS# 108-88-3:  
Reproductive Effects: TClO, Inhalation, Rat, 800.0 MG/M3, 6 H, female 14-20 day(s) after conception.  
Result:  
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).  
Effects on Newborn: Behavioral.  
- Brazilian Journal of Medical and Biological Research., Vol/p/yr: 23,533, 1990  
  
Standard Draize Test, Eyes, Species: Rabbit, 2.000 MG, 24 H, Severe.  
Result:  
Effects on Embryo or Fetus: Other effects to embryo.  
Specific Developmental Abnormalities: Eye, ear.  
- Prehled Prumyslove Toxikologie, Marhold, J., Organicke Latky, Prague  
Czechoslovakia, Vol/p/yr: -,29, 1986

**SAFETY DATA SHEET**  
**Bulldog Aerosol Adhesion Promoter**

Page: 8

Revision: 05/23/2016  
Supersedes Revision: 05/04/2015

CAS# 78-93-3:

Standard Draize Test, Eyes, Human, 350.0 PPM.

Result:

Behavioral: Anticonvulsant.

- Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943

CAS# 1330-20-7:

Acute toxicity, LC50, Inhalation, Rat, 5000. PPM, 4 H.

Result:

Behavioral: Muscle contraction or spasticity.

Lungs, Thorax, or Respiration: Other changes.

- Raw Material Data Handbook, Vol.1: Organic Solvents, 1974., National Assoc. of Printing Ink Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ., Bethlehem, PA 18015, Vol/p/yr: 1,123, 1974

Standard Draize Test, Eyes, Species: Rabbit, 5.000 MG, 24 H, Severe.

Result:

Behavioral: General anesthetic.

Behavioral: Somnolence (general depressed activity).

Behavioral: Irritability.

- "Sbornik Vysledku Toxikologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,24, 1972

CAS# 100-41-4:

Tumorigenic Effects:, TCLo, Inhalation, Rat, 750.0 ppm.

Result:

Tumorigenic: Carcinogenic by RTECS criteria.

Kidney, Ureter, Bladder: Tumors.

Standard Draize Test, Eyes, Species: Rabbit, 500.0 MG, Severe.

Result:

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

Effects on Fertility: Litter size (e.g.; # fetuses per litter; measured before birth).

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 111-76-2:

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.

Result:

Behavioral: Ataxia.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

Acute toxicity, LD50, Skin, Species: Rabbit, 220.0 MG/KG.

Result:

Effects on Embryo or Fetus: Extra embryonic structures (e.g., placenta, umbilical cord).



# SAFETY DATA SHEET

## Bulldog Aerosol Adhesion Promoter

Page: 9

Revision: 05/23/2016  
Supersedes Revision: 05/04/2015

Effects on Embryo or Fetus: Other effects to embryo.  
Specific Developmental Abnormalities: Musculoskeletal system.  
- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LD50, Oral, Rat, 250.0 mg/kg.  
Result:  
Lungs, Thorax, or Respiration: Changes in pulmonary vascular resistance.

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.  
Result:  
Effects on Newborn: Apgar score (human only).  
Effects on Newborn: Other neonatal measures or effects.  
Effects on Newborn: Drug dependency.  
- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

### Carcinogenicity/Other Information:

ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans  
ACGIH A4 - Not Classifiable as a Human Carcinogen.  
IARC 2B - Possibly Carcinogenic to Humans  
IARC 3: Not Classifiable as to Carcinogenicity in Humans.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
108-88-3	Toluene {Benzene, Methyl-, Toluol}	n.a.	3	A4	n.a.
115-10-6	Methyl ether {Dimethyl ether}	n.a.	n.a.	n.a.	n.a.
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	n.a.	n.a.	n.a.	n.a.
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	n.a.	3	A4	n.a.
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	n.a.	n.a.	n.a.	n.a.
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	n.a.	n.a.	n.a.	n.a.
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	Possible	2B	A4	n.a.
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	n.a.	n.a.	n.a.	n.a.
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	n.a.	2B	A3	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	n.a.	3	A3	n.a.

## 12. ECOLOGICAL INFORMATION

### General Ecological Information:

Product has not been tested as a whole.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state, and federal regulations.

## 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Aerosols, Flammable, Ltd. Qty.  
**DOT Hazard Class:** 2.1 FLAMMABLE GAS  
**UN/NA Number:** UN1950



**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:**  
**UN Number:** |N| **Packing Group:**  
**Hazard Class:** 2.1 - FLAMMABLE GAS **IMDG MFAG Number:** |  
**IMDG EMS Page:** |

## 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
108-88-3	Toluene {Benzene, Methyl-; Toluol}	No	Yes 1000 LB	Yes
115-10-6	Methyl ether {Dimethyl ether}	No	No	No
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	No	Yes 5000 LB	No
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	No	Yes 100 LB	Yes
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	No	Yes 5000 LB	No
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	No	No	No
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	No	Yes 1000 LB	Yes
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	No	Yes 1000 LB	No
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	No	Yes 1000 LB	Yes
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	No	No	Yes-Cat. N230

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
108-88-3	Toluene {Benzene, Methyl-; Toluol}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes: RDTox(F)
115-10-6	Methyl ether {Dimethyl ether}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

# SAFETY DATA SHEET

## Bulldog Aerosol Adhesion Promoter

Page: 11

Revision: 05/23/2016

Supersedes Revision: 05/04/2015

1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes: Canc.
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: Yes: Canc.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	CAA HAP,ODC: Yes - Cat.; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### 16. OTHER INFORMATION

**Revision Date:** 05/23/2016

**Preparer Name:** W.M. Barr EHS Dept (901)775-0100

**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.