

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Bulldog VOC Compliant
Company Name: W. M. Barr
1715 Aaron Brenner Drive
Suite 600
Memphis, TN 38120
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: GTPO126, QTPO126

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2
Skin Irritation, Category 2
Eye Irritation, Category 2
Germ Cell Mutagenicity, Category 2
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 1 - Auditory system.



GHS Signal Word: **Danger**

GHS Hazard Phrases: Highly flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
Suspected of causing genetic defects.
Suspected of damaging fertility or the unborn child.
Causes damage to organs through prolonged or repeated exposure.

GHS Precautionary Phrases: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from fire. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe {protective gloves/protective clothing/eye protection/face protection.
Wash protective gloves/protective clothing/eye protection/face protection thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

GHS Response Phrases: IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
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 attention/advice.

SAFETY DATA SHEET

Bulldog VOC Compliant

Page: 2 of 9

Printed: 08/08/2024
Revision: 06/17/2024

	<p>Get medical attention/advice if you feel unwell. Specific treatment see the label. If skin irritation occurs, get medical advice/attention. If eye irritation persists, get medical advice/attention. Take off contaminated clothing and wash before re-use. In case of fire, use appropriate media to extinguish.</p>
GHS Storage and Disposal Phrases:	<p>Store in cool/well-ventilated place. Store locked up. Dispose of contents/container according to local, state and federal regulations.</p>
OSHA Regulatory Status:	<p>This material is classified as hazardous under OSHA regulations.</p>
Potential Health Effects (Acute and Chronic):	<p>Skin Contact: Harmful is absorbed through the skin. Contact with the skin may cause mild to moderate skin irritation, defatting and drying of the skin, and allergic dermatitis. Symptoms may include redness, swelling, and burning of the skin.</p> <p>Eye Contact: This material is an eye irritant. May cause irritation, stinging, tearing, redness, swelling, pain and blurred vision.</p> <p>Inhalation: Vapors can be harmful if inhaled. Effects from exposure may include headaches, dizziness, fatigue, and nausea. High concentrations may result in central nervous system depression, irritation to the respiratory tract, and pulmonary edema.</p> <p>Ingestion: Harmful or fatal if swallowed. Effects from exposure through ingestion may include gastrointestinal disturbances, pain, discomfort, gastrointestinal irritation, nausea, vomiting, diarrhea, irritation to the mouth, throat, and stomach. Other effects may produce central nervous system effects, such as dizziness, loss of balance and coordination, unconsciousness, coma, and even death.</p> <p>Chronic Effects: Prolonged or repeated overexposure may cause central nervous system, kidney, liver, and lung damage.</p> <p>Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Intentional misuse by deliberately concentrating and inhaling solvents may be harmful or fatal.</p>
Medical Conditions Generally Aggravated By Exposure:	<p>Skin, eye, liver, kidney, central nervous system, respiratory, lung (asthma-like conditions).</p>

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	Molecular Formula
540-88-5	Tert-Butyl acetate {Acetic acid, tert-butyl ester; Acetic acid, 1,1-dimethylethyl ester}	30.0 -50.0 %	C6H12O2
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	15.0 -30.0 %	C1C6H4CF3
79-20-9	Methyl acetate (Methyl ester of acetic acid)	10.0 -20.0 %	CH3COOCH3
108-88-3	Toluene {Benzene, Methyl-; Toluol}	5.0 -10.0 %	C6H5CG3
100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	1.0 -5.0 %	C6H5CH=CH2

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

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Skin:
Remove contaminated clothing. Wash skin thoroughly with large amounts of water and mild soap, if available. Seek medical attention if irritation develops or persists.

Eyes:
Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:
If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure: See Health Hazards.

Note to Physician: Treat symptomatically. Treatment of overexposure should be directed at the control of the symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flammability Classification: Flammability Class IB

Flash Point: 30.00 F (-1.1 C) Method Used: Closed Cup

Explosive Limits: LEL: N.D. UEL: N.D.

Autoignition Pt: N.D.

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

Unsuitable Extinguishing Media: Do not use a solid water stream, as this may spread the fire.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Containers exposed to heat may pressurize. Stay away from the heads of exposed containers. Use water spray to cool fire exposed containers. Vapors are heavier than air.

Flammable Properties and Hazards: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.

Hazardous Combustion Products: May form: carbon dioxide and carbon monoxide, various hydrocarbons, and irritating or toxic vapors

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Clean up spills immediately, observing precautions in Protective Equipment section.

Isolate the hazard area and deny entry. Keep unnecessary people away. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources, keep ignition sources out of the hazard area.

Small spills: Absorb the liquid with inert material, such as sand, earth, or other noncombustible material and place into a compatible container for disposal.

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

Do not flush to sewer. Avoid runoff into storm sewers and ditches which lead to waterways.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Keep away from sources of ignition. Ground and bond containers when transferring material. No smoking when handling this material.

Use in well ventilated areas.

Precautions To Be Taken in Storing: Keep container closed when not in use. Do not store in direct sunlight. Store in a tightly closed container. Store in cool, dry area.

Do not store in at temperatures above 49 C / 120 F. Keep away from sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
540-88-5	Tert-Butyl acetate {Acetic acid, tert-butyl ester; Acetic acid, 1,1-dimethylethyl ester}	ACGIH TLV	TLV: 200 ppm	
		OSHA PELs	PEL: 200 ppm	
79-20-9	Methyl acetate (Methyl ester of acetic acid)	ACGIH TLV	TLV: 200 ppm STEL: 250 ppm	
		OSHA PELs	PEL: 200 ppm	
108-88-3	Toluene {Benzene, Methyl-; Toluol}	ACGIH TLV	TLV: 50 ppm	
		OSHA PELs	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	ACGIH TLV	TLV: 20 ppm STEL: 40 ppm	
		OSHA PELs	PEL: 100 ppm	

SAFETY DATA SHEET

Bulldog VOC Compliant

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
			STEL: 600 ppm/(5min/3hr) CEIL: 200 ppm	
Personal Protective Equipment Symbols:				
Respiratory Equipment (Specify Type):		A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.		
Eye Protection:		A dust mask does not provide protection against vapors. Chemical goggles or face shields are recommended when splashing or spraying of chemical is possible. A faceshield provides more protection to help reduce chemical contact to the face and eyes.		
Protective Gloves:		Wear gloves with as much resistance to the chemical ingredients as possible. Laminate film gloves offer the best protection. Other glove materials such as nitrile may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information.		
Other Protective Clothing:		Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons to minimize exposure.		
Engineering Controls (Ventilation etc.):		Use only with adequate ventilation to prevent the buildup of vapors. Do not use in areas where vapors can accumulate and concentrate. 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 away from the individual. If strong odor is noticed or you experience slight dizziness, headache, nausea, or other signs of inhalation exposure, STOP. The ventilation is inadequate. Leave the area immediately. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.		
Work/Hygienic/Maintenance Practices:		A source of clean water should be available in the work area when handling this product. Wash hands thoroughly after use and before eating, drinking, or smoking. Do not eat, drink, or smoke in the work area. Discard any clothing or other protective equipment that cannot be decontaminated.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear to light yellow Odor: Aromatic odor
pH:	N.A.
Melting Point:	< 0.00 F (-17.8 C)
Boiling Point:	> 35.00 C (95.0 F)
Flash Point:	30.00 F (-1.1 C) Closed Cup
Evaporation Rate:	> 1
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D. UEL: N.D.
Vapor Pressure:	Not determined
Vapor Density (vs. Air=1):	> 1
Specific Gravity (Water=1):	0.9758

SAFETY DATA SHEET

Bulldog VOC Compliant

Page: 6 of 9

Printed: 08/08/2024

Revision: 06/17/2024

Density:	8.119 LB/GL
Bulk density:	ND
Solubility in Water:	Slight
Solubility Notes:	Very slightly soluble in water.
Saturated Vapor Concentration:	N.D.
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	~ 89.36 % by weight.
VOC / Volume:	539.2800 G/L
Autoignition Pt:	N.D.
Decomposition Temperature:	No data.
Viscosity:	15 - 30 cSt N.D.
Particle Size:	ND
Heat Value:	ND
a_fld_hdr[9]:	ND= Not Determined.

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, alkalies, acids, nitrates, metal salts and polymerization catalysts.
Hazardous Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons and toxic vapors.
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

Carcinogenicity/Other Information:

IARC 2B - Possibly Carcinogenic to Humans

IARC 3: Not Classifiable as to Carcinogenicity in Humans.

ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

ACGIH A4 - Not Classifiable as a Human Carcinogen.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
540-88-5	Tert-Butyl acetate {Acetic acid, tert-butyl ester; Acetic acid, 1,1-dimethylethyl ester}	n.a.	n.a.	n.a.	n.a.
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	n.a.	2B	n.a.	n.a.
79-20-9	Methyl acetate (Methyl ester of acetic acid)	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene {Benzene, Methyl-; Toluol}	n.a.	3	A4	n.a.
100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	Possible	2B	A4	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: Paint related material

DOT Hazard Class: 3 FLAMMABLE LIQUID

UN/NA Number: UN1263

Packing Group: II



Additional Transport Information:

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

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)
540-88-5	Tert-Butyl acetate {Acetic acid, tert-butyl ester; Acetic acid, 1,1-dimethylethyl ester}	No	Yes NA	No
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	No	No	No
79-20-9	Methyl acetate (Methyl ester of acetic acid)	No	No	No
108-88-3	Toluene {Benzene, Methyl-; Toluol}	No	Yes NA	Yes (10%)
100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	No	Yes NA	Yes (5%)

EPA SARA Title III Section 313 Toxic Release Inventory.

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

California Proposition 65



WARNING

This product can expose you to chemicals including 4-Chlorobenzotrifluoride and Styrene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
540-88-5	Tert-Butyl acetate {Acetic acid, tert-butyl ester; Acetic acid, 1,1-dimethylethyl ester}	TSCA: Inventory, 8A PAIR
98-56-6	4-Chlorobenzotrifluoride {4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene}	TSCA: Inventory, 4 Test, 12(b) CA PROP.65: Yes: Canc.
79-20-9	Methyl acetate (Methyl ester of acetic acid)	TSCA: Inventory, 8A PAIR
108-88-3	Toluene {Benzene, Methyl-; Toluol}	CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR, 8C CA PROP.65: Yes: RDTox(F)
100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR, 8C CA PROP.65: Yes: Canc.

Additional Regulatory 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.

16. OTHER INFORMATION

Revision Date: 06/17/2024

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

Additional Information About This Product: 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.