

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 1

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Bulldog 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.

Synonyms: QTPO123, GTPO123

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 Liquids, Category 2
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1
Germ Cell Mutagenicity, Category 2
Carcinogenicity, Category 1B
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H225: Highly flammable liquid and vapor.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects.
H350: May cause cancer.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

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.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 2

Printed: 05/04/2015

Revision: 05/04/2015

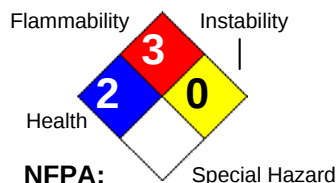
Supersedes Revision: 04/29/2014

GHS Response Phrases:

P260: Do not breathe gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
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.
P235: Keep cool.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P310: Immediately call a POISON CENTER or doctor/physician.
P314: Get medical attention/advice if you feel unwell.
P321: Specific treatment see label.
P333+313: If skin irritation or rash occurs, seek medical advice/attention.
P337+313: If eye irritation persists, get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P370+378: In case of fire, use dry chemical powder to extinguish.
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations

GHS Storage and Disposal Phrases:**Hazard Rating System:**

HEALTH	*	2
FLAMMABILITY		3
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:

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 3

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

This material is an eye irritant. May cause redness, tearing, corneal clouding, discomfort 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. Liquid aspirated into lungs can cause chemical pneumonitis, which can be fatal.

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 Diseases of the skin, liver, kidneys, and cardiovascular system.

Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
108-88-3	Toluene {Benzene, Methyl-; Toluol}	15.0 -40.0 %	XS5250000
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	10.0 -30.0 %	EL6475000
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	10.0 -30.0 %	AF7350000
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	5.0 -15.0 %	ZE2100000
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	1.0 -10.0 %	DA0700000
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	3.0 -7.0 %	WL3675000
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	1.0 -5.0 %	CZ9370000
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	1.0 -5.0 %	KJ8575000
97-63-2	Ethyl methacrylate {2-Propenoic acid, 2-methyl-, ethyl ester}	1.0 -5.0 %	OZ4550000

Additional Chemical Information

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

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 4

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

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

Flash Pt:

IB

39.00 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:

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:

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. Wear appropriate personal protective equipment.

Small Spills: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large Spills: dike far ahead of spill for later disposal.

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 5

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

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.

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.
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	PEL: 200 ppm	TLV: 200 ppm STEL: 300 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.
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	No data.
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.
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	No data.	TLV: 10 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.
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	No data.	No data.	No data.

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.

If the work area is not properly ventilated to keep airborne levels below their exposure limits, you must use a properly fitted and maintained NIOSH approved respirator for organic vapors. A dust mask does not provide protection against vapors.

Eye Protection: Safety glasses, chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

Protective Gloves: Wear impermeable gloves. Gloves contaminated with product should be discarded.

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 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.

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 6

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

	For OSHA controlled workplaces, 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 for flushing of the eyes and skin. Wash hands thoroughly after use. Do not eat, drink, or smoke in the work area. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Hazy, light yellow
Melting Point:	No data.
Boiling Point:	No data.
Autoignition Pt:	No data.
Flash Pt:	39.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	0.9 - 0.915
Bulk density:	7.54 LB/GL
Vapor Pressure (vs. Air or mm Hg):	<=26 MM HG at 20.0 C
Vapor Density (vs. Air = 1):	> 1
Evaporation Rate:	~ 1
Solubility in Water:	No data.
Percent Volatile:	82.75 %
VOC / Volume:	<= 748.0000 G/L

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:	No data available. 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 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 Toxixologickeho 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:
-----------------------------------	---

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 8

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

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).

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:

IARC Group 2B: Possibly Carcinogenic to Humans.

IARC Group 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
108-88-3	Toluene {Benzene, Methyl-; Toluol}	n.a.	3	A4	n.a.
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	n.a.	n.a.	n.a.	n.a.
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	n.a.	n.a.	n.a.	n.a.
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	n.a.	3	A4	n.a.
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	n.a.	2B	A3	n.a.
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	Possible	2B	A4	n.a.

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 9

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	n.a.	3	A3	n.a.
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

No data available.

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: QTPO123:

UN1866, Resin Solution, 3, PGII, LTD. QTY.

GTPO123:

UN1866, Resin Solution, 3, PGII

DOT Hazard Class:

3

FLAMMABLE LIQUID

UN/NA Number:

1866

Packing Group:

II



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
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	No	Yes 5000 LB	No
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	No	Yes 5000 LB	No
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	No	Yes 100 LB	Yes
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	No	Yes 1000 LB	Yes
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	No	Yes 1000 LB	Yes
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	No	No	No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	No	No	Yes-Cat. N230
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	No	Yes 1000 LB	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

☒ Yes	☐ No	Acute (immediate) Health Hazard
☒ Yes	☐ No	Chronic (delayed) Health Hazard
☒ Yes	☐ No	Fire Hazard
☐ Yes	☒ No	Sudden Release of Pressure Hazard
☒ Yes	☐ No	Reactive Hazard

SAFETY DATA SHEET

Bulldog Adhesion Promoter

Page: 10

Printed: 05/04/2015

Revision: 05/04/2015

Supersedes Revision: 04/29/2014

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
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	CAA HAP,ODC: No; CWA NPDES: No; 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, 4 Test; CA PROP.65: No
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test; CA PROP.65: Yes
100-42-5	Styrene {Phenylethylene; Vinyl benzene; Styrol}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; 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
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
97-63-2	Ethyl methacrylate {2-Propenoic acid, 2-methyl-, ethyl ester}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No

Regulatory Information Statement: All components of this material are listed on the TSCA Inventory or are exempt.

16. OTHER INFORMATION

Revision Date: 05/04/2015

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

Additional Information About This Product: No data available.

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.