1. PRODUCT AND COMPANY IDENTIFICATION Product Name: Bulldog Adhesion Promoter Aerosol Formula W. M. Barr **Company Name: Phone Number:** 2105 Channel Avenue (901)775-0100 Memphis, TN 38113 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: ETPO123B, ETPO123BCN 2. HAZARDS IDENTIFICATION Flammable Liquids, Category 2 Carcinogenicity, Category 2 Acute Toxicity: Inhalation, Category 4 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2 Skin Sensitization, Category 1 Germ Cell Mutagenicity, Category 2 **Toxic To Reproduction, Category 2** Specific Target Organ Toxicity (single exposure), Category 3 Specific Target Organ Toxicity (repeated exposure), Category 1 Aspiration Toxicity, Category 1 **GHS Signal Word:** Danger **GHS Hazard Phrases:** Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Suspected of causing genetic defects. Suspected of causing cancer. 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 protective gloves/protective clothing/eye protection/face protection. - 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

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## SAFETY DATA SHEET

Bulldog Adhesion Promoter Aerosol Formula

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	handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear {protective gloves/protective clothing/eye protection/face protection}. Use personal protective equipment as required. Keep cool.
GHS Response Phrases:	<ul> <li>IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</li> <li>IF ON SKIN: Wash with plenty of soap and water.</li> <li>IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.</li> <li>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>IF exposed or concerned: Get medical attention/advice.</li> <li>Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>Get medical attention/advice if you feel unwell.</li> <li>Specific treatment see label.</li> <li>Do NOT induce vomiting.</li> <li>If skin irritation occurs, get medical advice/attention.</li> <li>If skin irritation persists, get medical advice/attention.</li> <li>If eye irritation persists, get medical advice/attention.</li> <li>Take off contaminated clothing and wash before re-use.</li> <li>Wash contaminated clothing before reuse.</li> <li>In case of fire, use dry chemical powder to extinguish.</li> </ul>
GHS Storage and Disposal Phrases:	Store container tightly closed in well-ventilated place. Store locked up. Dispose of contents/container according to local, state and federal regulations.
Potential Health Effects (Acute and Chronic):	Listed above.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
108-88-3	Toluene {Benzene, Methyl-; Toluol}	30.0 -60.0 %
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	7.0 -13.0 %
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	7.0 -13.0 %
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	5.0 -10.0 %
1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	1.0 -5.0 %
100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	1.0 -5.0 %
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	1.0 -5.0 %
97-63-2	Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}	0.5 -1.5 %
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	1.0 -5.0 %
Additional Cr	nemical Specific percentage of comp	osition is being withheld as a trade secret.

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	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:	Refer to Section 2.
	5. FIRE FIGHTING MEASURES
Flash Pt:	42.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits:	LEL: N.D. UEL: N.D.
Autoignition Pt:	N.D.
Suitable Extinguishing Medi	i <b>a:</b> 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.
Hazardous Combustion Products:	Carbon monoxide and carbon dioxide. Irritating or toxic vapors and gases.
	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.
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	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 #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
108-88-3 Methyl-; To	Toluene {Benzene, bluol}	ACGIH TLV	TLV: 50 ppm	
		OSHA PELs	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	
78-93-3 I 2-Butanone	Methyl ethyl ketone {MEK; e}	ACGIH TLV	TLV: 200 ppm STEL: 300 ppm	
		OSHA PELs	PEL: 200 ppm	
1330-20-7 {Benzene, o	Xylene (mixed isomers) dimethyl-}	ACGIH TLV	TLV: 100 ppm STEL: 150 ppm	
		OSHA PELs	PEL: 100 ppm	
123-86-4 acetate. Ac	Butyl acetate {n-Butyl cetic acid, Butyl ester}	ACGIH TLV	TLV: 150 ppm STEL: 200 ppm	
		OSHA PELs	PEL: 150 ppm	
1321-74-0 (Benzene, I	Divinyl benzene Diethenyl-)	ACGIH TLV	TLV: 10 ppm	
100-42-5 Vinyl benzir	Styrene {Phenylethylene; ne; Styrol}	ACGIH TLV	TLV: 20 ppm STEL: 40 ppm	
		OSHA PELs	PEL: 100 ppm STEL: 600 ppm/(5min/3hr) CEIL: 200 ppm	
111-76-2 {Ethylene g glycol ether	Ethanol, 2-Butoxy- llycol n-butyl ether, (a <sup>·</sup> )}	ACGIH TLV	TLV: 20 ppm	
		OSHA PELs	PEL: 50 ppm	
100-41-4	Ethylbenzene	ACGIH TLV	TLV: 100 ppm	
{Ethylbenzo	ol; Phenylethane}		STEL: 125 ppm	
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CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
100-41-4 {Ethylbenz (continued	Ethylbenzene zol; Phenylethane} l)	OSHA PELs	PEL: 100 ppm	
Respirato (Specify <sup>-</sup>	ory Equipment Type):		vith inadequate ventilation or fresh air, wear a prop ISH approved respirator for organic solvent vapors	•
			led work places and other regular users - Use only engineered air control systems designed to prevent	•
		A dust mask does	not provide protection against vapors.	
Eye Prote	ection:	A faceshield or ch	emical splash goggles should be worn to prevent e	eye contact.
Protectiv	e Gloves:	materials such as on chemicals bein	as much resistance to the chemical ingredients as nitrile rubber may provide protection. Glove selec g used and conditions of use. Consult your glove tion. Gloves contaminated with product should be	tion should be based supplier for
Other Pro	otective Clothing:	• •	n methods can dictate use of additional protective able aprons, etc., to minimize exposure.	safety equipment,
Engineer (Ventilati	ing Controls on etc.):	•	osures, local exhaust ventilation, or other engineer vels below recommended exposure limits.	ing controls to
		where vapors can enclosed areas. V open all windows the work area. If s	quate ventilation to prevent buildup of vapors. Do r accumulate and concentrate, such as basements, Whenever possible, use outdoors in an open air are and doors and maintain a cross ventilation of movi strong odor is noticed or you experience slight dizz tering STOP ventilation is inadequate. Leave a air.	bathrooms or small ea. If using indoors ng fresh air across iness, headache,
Work/Hyg Practices	gienic/Maintenance ::	Wash hands thoro restroom.	ughly after use and before eating, drinking, smoki	ng, or using the
		Do not eat, drink,	or smoke in the work area.	
		Discard any clothin	ng or other protective equipment that cannot be de	econtaminated.
		Facilities storing o eyewash and safe	r handling this material should be equipped with an ty shower.	n emergency
	9.	PHYSICAL A	ND CHEMICAL PROPERTIES	
Physical	States:	[]Gas [X]L	iquid [] Solid	
Appearar	nce and Odor:	Hazy, Light Yellow Odor threshold no		
pH:		Not applicable		
Melting P	oint:	- N.D.		
Boiling P		- N.D.		
Flash Pt:		42.00 F Method	Used: Setaflash Closed Cup (Rapid Setaflash)	
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Evaporation Rate: ~1 Flammability (solid, gas): Explosive Limits: LEL: N.D. UEL: N.D. Vapor Pressure (vs. Air or mm Hg): Vapor Pressure (vs. Air or mm Hg): Vapor Density (vs. Air = 1): >1 Specific Gravity (Water = 0.895 - 0.905 1): Density: 7.49 LB/GL Solubility in Water: N.D. Saturated Vapor N.D. Cocontration: OctanolWater Partition N.D. Coefficient: Percent Volatile: 90.4 % by weight. Autoignition Pt: N.D. Percont Volatile: 90.4 % by weight. Autoignition Pt: N.D. Decomposition - N.D. Temperature: Viscosity: 27 - 33 SEC a_fid_hdr[9]: N.D.: Not determined NP: Not applicable Information with regard to primary physical hazard: <b>10. STABILITY AND REACTIVITY</b> Stability: Unstable [] Stable [X] Conditions To Avoid - Instability: Incompatibility - Materials To Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydroger Avoid: monomers, acrid smoke and fumes. Possibility of Hazardous Will occur [] Will not occur [X] Reactions: Conditions To Avoid - Hazardous Reactions:		Supersedes Revision: 01/20/2021
Explosive Limits: LEL: N.D. UEL: N.D. Yapor Pressure (vs. Air or mm Hg): Yapor Density (vs. Air = 1): > 1 Specific Gravity (Water = 0.895 - 0.905 1): Density: 7.49 LB/GL Solubility in Water: N.D. Saturated Vapor N.D. Solubility in Water: N.D. Saturated Vapor Cocentration: Octanol/Water Partition Octanol/Water Partition Octanol/Water Partition Octanol/Water Partition Octanol/Water Partition Octanol/Water Partition Octanol/Water Partition N.D. Coofficient: Percent Volatile: 90.4 % by weight. Autoignition Pt: N.D. Decomposition - N.D. Temperature: Viscosity: 27 - 33 SEC a fid_hdr[9]: N.D.: Not determined NP: Not applicable Information with regard to primary physical hazard: <b>10. STABILITY AND REACTIVITY</b> Stability: Unstable [] Stable [X] Conditions To Avoid - Instability: Incompatibility - Materials To Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydroger Avoid: perxide, nitra caid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens. Hazardous Decomposition or Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic Byproducts: monomers, acrid smoke and fumes. Possibility of Hazardous Will occur [] Will not occur [X] Reactions: Conditions To Avoid -	Evaporation Rate:	~ 1
Vapor Pressure (vs. Air or m Hg):       <=31 MM HG at 20.0 C	Flammability (solid, gas):	
mm Hg):       Yapor Density (vs. Air = 1):       > 1         Specific Gravity (Water =       0.895 - 0.905       1         Density:       7.49 LB/GL       1         Donsity:       7.49 LB/GL       1         Solubility in Water:       N.D.       1         Saturated Vapor       N.D.       1         Concentration:       N.D.       1         Codeficient:       90.4 % by weight.       1         Percent Volatile:       90.4 % by weight.       1         Autoignition Pt:       N.D.       1         Temperature:       1       1         Viscosity:       27 - 33 SEC       1         a_fid_hdr(9):       N.D.: Not determined NP: Not applicable       1         Information with regard to primary physical hazard:       10. STABILITY AND REACTIVITY         Stability:       Unstable []       Stable [X]         Conditions To Avoid - Instability:       Incompatibility - Materials To Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydrogen perxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.         Hazardous Decomposition or Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []       <	Explosive Limits:	LEL: N.D. UEL: N.D.
Specific Gravity (Water =       0.895 - 0.905         1:       Density:       7.49 LB/GL         Solubility in Water:       N.D.         Saturated Vapor       N.D.         Saturated Vapor       N.D.         Concentration:       Octanol/Water Partition         Octanol/Water Partition       N.D.         Coefficient:       90.4 % by weight.         Percent Volatile:       90.4 % by weight.         Autoignition Pt:       N.D.         Decomposition       - N.D.         Temperature:       Viscosity:         Viscosity:       27 - 33 SEC         a_fid_hdr[9]:       N.D.: Not determined NP: Not applicable         Information with regard to primary physical hazard:       Instable [] Stable [X]         Conditions To Avoid -       Instable [] Stable [X]         Conditions To Avoid -       Incompatibility - Incompatibile with strong oxidizing agents, strong caustics, acids, strong bases, hydrogen Avoid:         percoxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, saits, aldehydes, ammonia, and halogens.         Hazardous Decomposition or       Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic         Byproducts:       monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []       Will not occur [X]		<=31 MM HG at 20.0 C
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Saturated Vapor       N.D.         Concentration:       N.D.         Concentration:       N.D.         Coefficient:       90.4 % by weight.         Percent Volatile:       90.4 % by weight.         Autoignition Pt:       N.D.         Decomposition       - N.D.         Temperature:       Viscosity:         Viscosity:       27 - 33 SEC         a_fld_hdr[9]:       N.D.: Not determined         NP: Not applicable       NP: Not applicable         Information with regard to primary physical hazard:       Vistable [] Stable [X]         Conditions To Avoid -       Incompatibility - Materials To         Incompatibility:       Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydroger peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.         Hazardous Decomposition or Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic monomers, acrid smoke and fumes.         Possibility of Hazardous Reactions:       Will occur [] Will not occur [X]         Reactions:       Will occur [] Will not occur [X]	Density:	7.49 LB/GL
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Coefficient:       90.4 % by weight.         Percent Volatile:       90.4 % by weight.         Autoignition Pt:       N.D.         Decomposition       -N.D.         Temperature:       Viscosity:         Viscosity:       27 - 33 SEC         a_fid_hdr[9]:       N.D.: Not determined NP: Not applicable         Information with regard to primary physical hazard:       N.D.: Not determined NP: Not applicable         Stability:       Unstable [] Stable [X]         Conditions To Avoid - Instability:       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       Will occur []       Will not occur [X]         Reactions:       Conditions To Avoid -	•	N.D.
Autoignition Pt:       N.D.         Decomposition       - N.D.         Temperature:       Viscosity:         27 - 33 SEC         a_fid_hdr[9]:       N.D.: Not determined NP: Not applicable         Information with regard to primary physical hazard: <b>10. STABILITY AND REACTIVITY</b> Stability:       Unstable []         Stability:       Unstable []         Stability:       Unstable []         Stability:       Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydroger peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.         Hazardous Decomposition or Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic Byproducts:       monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []       Will not occur [X]         Reactions:       Conditions To Avoid -		N.D.
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Stability:       Unstable []       Stable [X]         Conditions To Avoid -       Instability:         Instability:       Incompatibility - Materials To       Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydroger peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.         Hazardous Decomposition or       Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []       Will not occur [X]         Reactions:       Conditions To Avoid -	-	
Conditions To Avoid -         Instability:         Incompatibility - Materials To       Incompatible with strong oxidizing agents, strong caustics, acids, strong bases, hydroger         Avoid:       peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.         Hazardous Decomposition or       Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic         Byproducts:       monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []         Will not occur [X]         Reactions:         Conditions To Avoid -		10. STABILITY AND REACTIVITY
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Avoid:       peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts, aldehydes, ammonia, and halogens.         Hazardous Decomposition or Thermal decomposition may produce carbon monoxide, carbon dioxide, acrylic         Byproducts:       monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []         Will not occur [X]         Reactions:         Conditions To Avoid -		
Byproducts:       monomers, acrid smoke and fumes.         Possibility of Hazardous       Will occur []         Will not occur [X]         Reactions:         Conditions To Avoid -		peroxide, nitric acid, nitrates, sulfuric acid, amines, chemically active metals, salts,
Reactions: Conditions To Avoid -	-	
	-	Will occur [ ] Will not occur [ X ]
	Conditions To Avoid - Hazardous Reactions:	

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	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
	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# 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

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		Acute toxicity, LD50, Skin, Specie Result: Effects on Embryo or Fetus: Extra Effects on Embryo or Fetus: Othe Specific Developmental Abnormal - Dow Chemical Company Report Research, Toxicology Research L Acute toxicity, LD50, Oral, Rat, 25 Result: Lungs, Thorax, or Respiration:Cha Standard Draize Test, Eyes, Spec Result: Effects on Newborn: Apgar score Effects on Newborn: Other neona Effects on Newborn: Other neona Effects on Newborn: Drug depend - American Journal of Ophthalmol Suite 1415, Chicago, IL 60611, Vo	a embryonic struc r effects to embr lities: Musculosk s., Dow Chemic .ab, Midland, MI 50.0 mg/kg. anges in pulmon cies: Rabbit, 100 (human only). tal measures or lency. logy., Ophthalmi	ctures (e.g yo. eletal syst al USA, He 48640, Vo ary vascu .0 MG, Se effects. c Pub. Co	eem. ealth and Envi ol/p/yr: MSD-4 lar resistance. evere.	ronment 6,
		Tumorigenic Effects:, TCLo, Inhal	ation, Rat, 750.0	) ppm.		
		Result:				
		Tumorigenic: Carcinogenic by RT Kidney, Ureter, Bladder: Tumors.	ECS criteria.			
		Ridney, Ofeler, Diadder. Tumors.				
		Standard Draize Test, Eyes, Spec	cies: Rabbit, 500	.0 MG, Se	vere.	
		Result:				
		Effects on Fertility: Post-implantat total number of implants).	ion mortality (e.	g., dead ar	nd/or resorbed	implants per
		Effects on Fertility: Litter size (e.g.	.; # fetuses per l	itter; meas	ured before bi	irth).
		Effects on Embryo or Fetus: Fetot	• • •			,
		- American Journal of Ophthalmol			., 435 N. Michi	gan Ave.,
		Suite 1415, Chicago, IL 60611, Vo	ol/p/yr: 29,1363,	1946		
Carcinogenic Information:	ity/Other	ACGIH A3 - Confirmed Animal Ca ACGIH A4 - Not Classifiable as a IARC 2B - Possibly Carcinogenic IARC 3: Not Classifiable as to Ca	Human Carcino to Humans	gen.	elevance to H	umans
CAS #	Hazardous Co	mponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
108-88-3	Toluene {Benz	ene, Methyl-; Toluol}		3	A4	
78-93-3	Methyl ethyl ke	tone {MEK; 2-Butanone}				
1330-20-7	Xylene (mixed i	somers) {Benzene, dimethyl-}		3	A4	
123-86-4	Butyl acetate {	n-Butyl acetate. Acetic acid, Butyl ester}				
1321-74-0	Divinyl benzene	e (Benzene, Diethenyl-)				
100-42-5	Styrene {Phen	ylethylene; Vinyl benzine; Styrol}	Possible	2B	A4	

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During Autieston Product Province Province: 01/20202           Determine the product of the produc		SAFET	<b>/ DATA SHE</b>	ET	Page: 9 of
111-76-2       Ethanol. 2-Buloxy- (Ethylene glycal n-bulyl ether, (a glycal ether))       3       A3         97-63-2       Ethyl methaczylate (2-Propencie acie, 2-methyl-, ethyl ether)       3       A3         100-01-4       Ethyl methaczylate (2-Propencie acie, 2-methyl-, ethyl ether)       2B       A3         IDECOLOGICAL INFORMATION         Broduct has not been tested as a whole.         IOS ISPOSAL CONSIDERATIONS         Aster Disposal Method:       Dispose of in accordance with all applicable local, state, and federal regulations.         IDT Project Shipping Name: Acrosols, [flammable, (each not exceeding 1 L capacity)]         DOT Hazard Class:       2.1       FLAMMABLE GAS         UNIVA         UNIVA         IDT Project Shipping Name: Acrosols, [flammable, (each not exceeding 1 L capacity)]         DOT Hazard Class:       2.1       FLAMMABLE GAS         UNIVA         UNIVA         UNIVA Number:       UNIVE         UNIVA         CHECULATORY         Ethaditional Transport         IST ESUPERCIDENCIDENCIDENCIDENCIDENCIDENCIDENCIDEN		Bulldog Adhesion P	romoter Aer	osol Formula	Printed: 09/13/2022
etheri) gr.43.2 Eithy mathacrylate (2-Propencic acie, 2-methyl-, ethyl eiter) 100-41.4 Ethylbenzene (Ethylbenzei; Phenylethane) 28 A3 <b>12. ECOLOGICAL INFORMATION</b> enerel Ecological Product has not been tested as a whole. iformation: <b>13. DISPOSAL CONSIDERATIONS</b> Raste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations. <b>14. TRANSPORT (INFORMATION</b> Raste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations. <b>14. TRANSPORT (INFORMATION</b> AND TRANSPORT (US DOT): DOT Proper Shipping Name: Aerosols, [flammable, (each not exceeding 1 L capacity)] DOT Proper Shipping Name: Aerosols, [flammable, (each not exceeding 1 L capacity)] DOT Proper Class: 2.1 FLAMMABLE GAS UN/NA Number: UN1950 Packing Group: II With the shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations. Please consult 49 CFR Subchapter C to ensure that subsequant shipments comply with these exceptions. <b>15. RECULATORY INFORMATION</b> PA SARA (Superfund Amendments and Reauthorization Act of 1986) List <b>45. RECULATORY INFORMATION</b> PA SARA (Superfund Amendments and Reauthorization Act of 1986) List <b>14. Reardous Components (Chemical Name)</b> No Yes NA Yes 1330-20-7 Xylene (Benzene, Methyl-: Toluol) No Yes NA Yes 1330-20-7 Xylene (Benzene, Methyl-: Toluol) No Yes NA No ester) 1321-74-0 Diving benzene (Benzene, Jehtenyl-) No Yes NA No ester) 1321-74-0 Diving benzene (Benzene, Checke add, Budyl No Yes NA Yes 111-76-2 Ethanol. 2-Budroy- (Ethylene glycol n-budyl ether, No No Yes NA Yes 111-76-2 Ethanol. 2-Budroy- (Ethylene glycol n-budyl ether, No No Yes NA Yes 111-76-2 Ethanol. 2-Budroy- (Ethylene zel, 2-Propencie acie, 2-methyl-, No Yes NA Yes 111-76-2 Ethanol. 2-Budroy- (Ethylene zel, 2-Propencie acie, 2-methyl-, No Yes NA Yes 111-76-2 Ethanol. 2-Budroy- (Ethylene zel, Phenylethane) No Yes NA Yes 111-76-2 Ethanol. 2-Budroy- (Ethylene zel, Phenylethane) No Yes NA Yes 111-76-3 Ethyl me				Supe	
asterij       28 A3         100-11-4       Ettylbenzere (Ettylbenze): Phenylethane)       28 A3         eneral Ecological formation:       Product has not been tested as a whole.         formation:       Is. DISPOSAL CONSIDERATIONS         Baste Disposal Method:       Dispose of in accordance with all applicable local, state, and federal regulations.         AD TRANSPORT (US DOT):       DOT Proper Shipping Name:       Acrossols, [flammable, (each not exceeding 1 L capacity)]:         DOT Hazard Class:       2.1       FLAMMABLE GAS         UNNA Number:       UN1950       Packing Group:       II         Word 49 CFR Regulations:       Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustible C FR Subchapter C to ensure that subsequent shipments comply with these exceptions.         PA SARA (Superfund Amendments and Resuthorization Act of 1986) List       S. 302 (EHS)       S. 304 RQ       S. 313 (TRI)         108-83.3       Tolener (Benzene, Methyl:, Toluo)       No       Yes NA       Yes         1302-027.X (X)ene (mixed isomers) (Benzene, dinethyl-)       No       Yes NA       Yes         1302-027.X (X)ene (mixed isomers) (Benzene, dinethyl-)       No       No       Yes NA       Yes         132-74-0       Divinny benzene (Benzene, Diethenyl-)       No </th <th>111-76-2</th> <th></th> <th>(a glycol</th> <th>3</th> <th>A3</th>	111-76-2		(a glycol	3	A3
12. ECOLOGICAL INFORMATION         Product has not been tested as a whole.         information:         13. DISPOSAL CONSIDERATIONS         Aste Disposal Method:       Dispose of in accordance with all applicable local, state, and federal regulations.         A TRANSPORT (US DOT):         DOT Proper Shipping Name: Aerosols, [flammable, (each not exceeding 1 L capacity)]         DOT Hazard Class:       2.1       FLAMMABLE GAS         UNINA Number:       UN 1950       Packing Group:       II         Additional Transport       The shipper / supplier may be able to apply one of the following exceptions if allowed under 40 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazarat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.         BASK Hazardous Components (Chemical Name)       S 302 (EHS)       S 304 RQ       S 313 (TRI)         Disease Logical Come, Methyl: Tolud)       No       Yes NA       Yes         Additional Transport       The shipper / supplier may be able to apply one of the following exceptions:         Colspan="2">Co	97-63-2		ethyl		
eneral Ecological formation: stormation: 13. DISPOSAL CONSIDERATIONS Kate Disposel Method: Dispose of in accordance with all applicable local, state, and federal regulations. 14. TRANSPORT INFORMATION AT RANSPORT (US DOT): DOT Proper Shipping Name: Aerosols, [flammable, (each not exceeding 1 L capacity)] DOT Hazard Class: 2.1 FLAMMABLE GAS UN/NA Number: UN1950 Packing Group: II More than the shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Sombustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Sombustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Sombustion At 9 (SS Subchapter C to ensure that subsequent shipments comply with these exceptions: <b>15. REGULATORY INFORMATION</b> PA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists <b>16. Hazardous Components (Chemical Name)</b> No Yes NA Yes 78-93-3 Methyl ethyl ketone (MEK; 2-Butanone) No Yes NA No 1300-20-7 Xylene (mixed isomers) Benzene, dimethyl-} No Yes NA No 100-425 Styrene (Benzene, Diethenyl-) No No No No 111-76-2 Ethonal, 2-Butxyov- (Ethylene glycol n-butyl ether, No No 48-95 111-76-2 Ethonal, 2-Butxyov- (Ethylene glycol n-butyl ether, No 49-95 111-76-2 Ethyl methacrylate (2-Propencic acie, 2-methyl-, No 49-95 111-76-2 Ethyl methacrylate (2-Prop	100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}		2B	A3
eneral Ecological formation: stormation: 13. DISPOSAL CONSIDERATIONS Kate Disposel Method: Dispose of in accordance with all applicable local, state, and federal regulations. 14. TRANSPORT INFORMATION AT RANSPORT (US DOT): DOT Proper Shipping Name: Aerosols, [flammable, (each not exceeding 1 L capacity)] DOT Hazard Class: 2.1 FLAMMABLE GAS UN/NA Number: UN1950 Packing Group: II More than the shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Sombustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Sombustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazard Regulations: Sombustion At 9 (SS Subchapter C to ensure that subsequent shipments comply with these exceptions: <b>15. REGULATORY INFORMATION</b> PA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists <b>16. Hazardous Components (Chemical Name)</b> No Yes NA Yes 78-93-3 Methyl ethyl ketone (MEK; 2-Butanone) No Yes NA No 1300-20-7 Xylene (mixed isomers) Benzene, dimethyl-} No Yes NA No 100-425 Styrene (Benzene, Diethenyl-) No No No No 111-76-2 Ethonal, 2-Butxyov- (Ethylene glycol n-butyl ether, No No 48-95 111-76-2 Ethonal, 2-Butxyov- (Ethylene glycol n-butyl ether, No 49-95 111-76-2 Ethyl methacrylate (2-Propencic acie, 2-methyl-, No 49-95 111-76-2 Ethyl methacrylate (2-Prop		12. ECOLOGICA	L INFORMA	TION	
Raste Disposal Method:       Dispose of in accordance with all applicable local, state, and federal regulations.         AL TRANSPORT (US DOT):       DOT Proper Shipping Name:       Aerosols, [flammable, (each not exceeding 1 L capacity]].         DOT Hazard Class:       2.1       FLAMMABLE GAS         UN/NA Number:       UN 1950       Packing Group:       II         Without State       Under 40 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazmat Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazmat Regulations: Diese Commut 49 CFR Subchapter C to ensure that subsequent shipmerins comply with these exceptions:         PA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists       Sate Act Superfund Amendments and Reauthorization Act of 1986 Lists         Pas-3       Methyl ethyl ketone (MEK; 2-Butanone)	General Eco nformation:				
14. TRANSPORT INFORMATION         AND TRANSPORT (US DOT):       DOT Proper Shipping Name: Aerosols, [flammable, (each not exceeding 1 L capacity)];         DOT Hazard Class:       2.1       FLAMMABLE GAS         UN/NA Number:       UN1950       Packing Group:       II         widditional Transport formation:       The shipper / supplier may be able to apply one of the following exceptions if allowed under 40 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.         PA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists         FAS# Hazardous Components (Chemical Name)         97.493.3       Methyl ethyl ketone (MEK; 2-Butanone)       No       Yes NA       Yes         1302-20-7       Xylene (mixed isomers) (Benzene, dimethyl-)       No       Yes NA       Yes         1321-74-0       Divinyl benzene (Benzene, Diethenyl-)       No       Yes NA       Yes         1321-74-2       Ethanol, 2-Butoxy- (Ethylene glycol n-butyl ether, No       Yes NA       Yes         111-76-2       Ethanol, 2-Butoxy- (Ethylene glycol n-butyl ether, No       No       Yes         111-76-2       Ethanol, 2-Butoxy- (Ethylene glycol n-butyl ether, No       Yes NA       Yes		13. DISPOSAL C	ONSIDERAT	IONS	
AND TRANSPORT (US DOT):         DOT Proper Shipping Name:       Aerosols, [flammable, (each not exceeding 1 L capacity)].         DOT Hazard Class:       2.1       FLAMMABLE GAS         UN/NA Number:       UN1950       Packing Group:       II         with the shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>Packing Group: Packing Combustion</b> , or others, as allowed under 40 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>Packing Group: Packing Components (Chemical Name) Sign (GR) Packing Components (Chemical Name) Sign (GR) Packing Components (Chemical Name) Sign (GR) Additional Transport Components (Chemical Name) Sign (GR) Sign (GR) Components (Chemical Name) Sign (GR) Sign (GR)</b>	Waste Dispo				deral regulations.
AND TRANSPORT (US DOT):         DOT Proper Shipping Name:       Aerosols, [flammable, (each not exceeding 1 L capacity)].         DOT Hazard Class:       2.1       FLAMMABLE GAS         UN/NA Number:       UN1950       Packing Group:       II         with the shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>Packing Group: Packing Combustion</b> , or others, as allowed under 40 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>Packing Group: Packing Components (Chemical Name) Sign (GR) Packing Components (Chemical Name) Sign (GR) Packing Components (Chemical Name) Sign (GR) Additional Transport Components (Chemical Name) Sign (GR) Sign (GR) Components (Chemical Name) Sign (GR) Sign (GR)</b>		14. TRANSPOR		TION	
DOT Proper Shipping Name:       Aerosols, [flammable, (each not exceeding 1 L capacity)].         DOT Hazard Class:       2.1       FLAMMABLE GAS         UN/NA Number:       UN1950       Packing Group:       II         with the second of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consume Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 40 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.         PASARA (Super fund Amendments and Reauthorization Act of 1986) Lists       S. 302 (EHS)       S. 304 RQ       S. 313 (TRI)         108-88-3       Toluene (Benzene, Methyl: Toluol)       No       Yes NA       Yes         78-93-3       Methyl ethyl ketone (MEK: 2-Butanone)       No       Yes NA       Yes         123-86-4       Butyl acetate (n-Butyl acetate. Acetic acid, Butyl       No       Yes NA       Yes         123-86-4       Butyl acetate (n-Butyl acetate. Acetic acid, Butyl       No       Yes NA       Yes         123-7400       Divinyl benzene (Benzene, Diethenyl-)       No       Yes NA       Yes         117-76-2       Ethanol, 2-Butows- (Ethylene glycol n-butyl ether, No       No       Yes       Yes         117-76-2       Ethanol, 2-Butows- (Ethylene glycol n-butyl ether, No       Yes NA       Yes       Yes	LAND TRAN	SPORT (US DOT):			
DOT Hazard Class:       2.1       FLAMMABLE GAS         UN/NA Number:       UN1950       Packing Group:       II         widitional Transport       The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion or others, as allowed under 42 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.         ISERCIPTION Amendments and Reauthorization Act of 1986) Lists         FAS # Hazardous Components (Chemical Name)         S. 302 (EHS)       S. 304 RQ       S. 313 (TRI)         108-88-3       Toluene (Benzene, Methyl: Toluol)       No       Yes NA       Yes         78-93-3       Methyl ethyl ketone (MEK; 2-Butanone)       No       Yes NA       Yes         1320-20-7       Xylene (mixed isomers) (Benzene, dimethyl-)       No       Yes NA       Yes         1330-20-7       Xylene (mixed isomers) (Benzene, dimethyl-)       No       Yes NA       Yes         1330-20-7       Xylene (mixed isomers) (Benzene, dimethyl-)       No       Yes NA       Yes         1330-20-7       Xylene (mixed isomers) (Benzene, dimethyl-)       No       No       Yes         1330-20-7       Xylene (mixed isomers) (Benzene, Benzene, dimethyl-)       No <td< td=""><td></td><td>· · · ·</td><td>ach not exceedin</td><td>g 1 L capacity)]</td><td></td></td<>		· · · ·	ach not exceedin	g 1 L capacity)]	
Additional Transport information:       The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>BCLECTORY INFORMATION BCLECTORY INFORMATION PA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists FA SARA (Superfund Amendments and Reauthorization Act of 1986) FA Sate:</b>	-			9 · _ • • • • • • • • • • • • • • • • • •	
Additional Transport information:       The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>BERE UNDERCOMPOSITION OF Commodity</b> , Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 cFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. <b>BERE UNDERCOMPORTION Amendments and Reauthorization Act of 1996) List FR SARA (Superfund Amendments and Reauthorization Act of 1996) List Reardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S. 313 (TRI)</b> No       Yes NA       Yes         78-93-3       Methyl ethyl ketone (MEK; 2-Butanone)       No       Yes NA       Yes         1323-740       Divinyl benzene (Benzene, Diethenyl-)       No       Yes NA       Yes         1321-740       Divinyl benzene (Benzene, Diethenyl-)       No       No       Yes         111-76-2       Ethanol, 2-Butoxy - (Ethylene glycol n-butyl ether, (a glycol ether);       No       Yes NA       Yes         0468 <b>H H</b>	UN/NA Ni	imber: UN1950	Packing G	iroup:	П
Additional Transport information:       The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 4 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions: <b>BENER Components (Chemical Name)</b> S 302 (EHS)       S 304 RQ       S 313 (TRI)         PASARA (Superfund Amendments and Reauthorization Act of 1986) Lists         Frazardous Components (Chemical Name)       S 302 (EHS)       S 304 RQ       S 313 (TRI)         108-88-3       Toluene (Benzene, Methyl-; Toluol)       No       Yes       Yes         78-93-3       Methyl ethyl ketone {MEK; 2-Butanone}       No       Yes       No         1330-20-7       Xylene (mixed isomers) [Benzene, dimethyl-}       No       Yes       No         1330-20-7       Xylene (mixed isomers) [Benzene, dimethyl-}       No       Yes       No         1321-74-0       Divinyl benzene (Benzene, Diethenyl-)       No       No       No         100-42-5       Styrene {Phenylethylene; Vinyl benzine; Styrol}       No       Yes       No         111-76-2       Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, a glycol ether)}       No       Yes NA       Yes					
1330-20-7Xylene (mixed isomers) {Benzene, dimethyl-}NoYes NAYes123-86-4Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}NoYes NANo1321-74-0Divinyl benzene (Benzene, Diethenyl-)NoNoNo100-42-5Styrene {Phenylethylene; Vinyl benzine; Styrol}NoYes NAYes111-76-2Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}NoNoYes-Cat. N23097-63-2Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}NoYes NANo100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)Yes78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: InventorySA CAIR TSCA: Inventory	CAS #	subsequent shipments comp <b>15. REGULATOR</b> Superfund Amendments and Reauthorization Act Hazardous Components (Chemical Name)	oly with these exc Y INFORMA of 1986) Lists S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
123-86-4Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}NoYes NANo1321-74-0Divinyl benzene (Benzene, Diethenyl-)NoNoNo100-42-5Styrene {Phenylethylene; Vinyl benzine; Styrol}NoYes NAYes111-76-2Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}NoNoYes-Cat. N23097-63-2Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}NoYes NANo100-41-4Ethylbenzone {Ethylbenzol; Phenylethane}NoYes NAYes108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)Yes78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: InventoryTSCA: Inventory	78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	No	Yes NA	No
ester}1321-74-0Divinyl benzene (Benzene, Diethenyl-)NoNoNo100-42-5Styrene {Phenylethylene; Vinyl benzine; Styrol}NoYes NAYes111-76-2Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}NoNoYes-Cat. N23097-63-2Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}NoYes NANo100-41-4Ethylbenzol; Phenylethane}NoYes NAYes100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)Yes78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: Inventory	1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	No	Yes NA	Yes
100-42-5Styrene {Phenylethylene; Vinyl benzine; Styrol}NoYes NAYes111-76-2Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}NoNoNoYes-Cat. N23097-63-2Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}NoYes NANo100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes108-88-3Toluene {Benzene, Methyl-; Toluol}Other US EPA or State Lists CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)Yes78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: Inventory	123-86-4		No	Yes NA	No
111-76-2Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}NoNoYes-Cat. N23097-63-2Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}NoYes NANo100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)Yes78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: Inventory	1321-74-0	Divinyl benzene (Benzene, Diethenyl-)	No	No	No
(a glycol ether)}97-63-2Ethyl methacrylate {2-Propenoic acie, 2-methyl-, ethyl ester}NoYes NANo100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYes108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: Inventory	100-42-5	Styrene {Phenylethylene; Vinyl benzine; Styrol}	No	Yes NA	Yes
ethyl ester}100-41-4Ethylbenzene {Ethylbenzol; Phenylethane}NoYes NAYesAS #Hazardous Components (Chemical Name)Other US EPA or State Lists108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: Inventory	111-76-2		No	No	Yes-Cat. N230
AS #Hazardous Components (Chemical Name)Other US EPA or State Lists108-88-3Toluene {Benzene, Methyl-; Toluol}CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)78-93-3Methyl ethyl ketone {MEK; 2-Butanone}TSCA: Inventory	97-63-2		No	Yes NA	No
108-88-3       Toluene {Benzene, Methyl-; Toluol}       CAA HAP,ODC: HAP: VHAP CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)         78-93-3       Methyl ethyl ketone {MEK; 2-Butanone}       TSCA: Inventory	100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	No	Yes NA	Yes
<ul> <li>78-93-3 Methyl ethyl ketone {MEK; 2-Butanone}</li> <li>CWA NPDES TSCA: Inventory, 8A CAIR CA PROP.65: Yes: RDTox(F)</li> <li>TSCA: Inventory</li> </ul>	CAS #	Hazardous Components (Chemical Name)	Other US EPA o	r State Lists	
	108-88-3	Toluene {Benzene, Methyl-; Toluol}	CWA NPDES TSCA: Inventory	v, 8A CAIR	
	78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	TSCA: Inventory		
censed to W.M. Barr and Company: MIRS SDS, (c) A V Systems, Inc. GHS for					

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4000.00.7				Supersedes Revision: 01/20/2021
1330-20-7	Xylene (mixed isom	ners) {Benzene, dimethyl-}	CAA HAP,ODC: HAP: VHAP	Superseues Revision. 01/20/2021
1330-20-7	Aylerie (mixed ison		CWA NPDES	
			TSCA: Inventory	
123-86-4	Butyl acetate {n-Bi	utyl acetate. Acetic acid, Butyl	CWA NPDES	
	ester}		TSCA: Inventory	
1321-74-0	Divinyl benzene (Be	enzene. Diethenvl-)	TSCA: Inventory	
100-42-5		nylene; Vinyl benzine; Styrol}	CAA HAP,ODC: HAP: VHAP	
			CWA NPDES	
			TSCA: Inventory, 8A CAIR	
			CA PROP.65: Yes: Canc.	
111-76-2	Ethanol, 2-Butoxy-	{Ethylene glycol n-butyl ether,	CAA HAP,ODC: Yes - Cat.	
	(a glycol ether)}		TSCA: Inventory	
97-63-2	Ethyl methacrylate	{2-Propenoic acie, 2-methyl-,	TSCA: Inventory	
	ethyl ester}			
100-41-4	Ethylbenzene {Ethy	ylbenzol; Phenylethane}	CAA HAP,ODC: HAP: VHAP	
			CWA NPDES	
			TSCA: Inventory	
			CA PROP.65: Yes: Canc.	
		16. OTHER IN	FORMATION	
Devision Det		9/13/2022		01/20/2021
Revision Date	-		Previous revision:	01/20/2021
Preparer Nam	ne: v	V.M. Barr EHS Dept (901)	775-0100	
Additional Inf	formation About			
Company Pol Disclaimer:	- a ii a n	iny kind. Employers should un formation gathered by them and completeness of information naterials and the safety and l	use this information only as a and must make independen tion from all sources to assur	t determination of suitability e proper use of these
		nust be determined by the us ocal laws and regulations.	ser to be in accordance with a	