SAFETY DATA SHEET

1. Identification

Product identifier Classic Hot Rod Black Flat

Product code 500

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name PBE Jobbers Warehouse

Address 2921 Syene Rd
Madison, WI 53713

Telephone 608-274-8797

Emergency phone number EMERGENCY 24 Hrs. 800-424-9300 ChemTrec

OSHA defined hazards

Physical hazards	Flammable liquids	Category 2	
Health hazards	Acute toxicity, oral	Category 4	
	Acute toxicity, inhalation	Category 3	
	Skin corrosion/irritation	Category 2	
	Serious eye damage/eye irritation	Category 2A	
	Sensitization, skin	Category 1	
	Germ cell mutagenicity	Category 1B	
	Carcinogenicity	Category 1B	
	Reproductive toxicity (the unborn child) Specific	Category 2	
	target organ toxicity, single exposure	Category 3 n	effects
	Specific target organ toxicity, repeated exposure	Category 1	
	Hazardous to the aquatic environment, acute hazard		
Environmental hazards	Hazardous to the aquatic environment, longterm hazard	Category 2	
	Not classified.	Category 2	

2. Hazard(s) identification

Danger

Label elements

Signal word

Hazard statement Highly flammable liquid and vapor. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic if inhaled. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - 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 mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response If swallowed: Call a poison center/doctor if you feel unwell. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

Supplemental information 30.82% of the mixture consists of component(s) of unknown acute oral toxicity. 58.63% of the mixture consists of component(s) of unknown acute inhalation toxicity. 51.37% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 47.3% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Toluene		108-88-3	15-< 35
Glycol Ether PM Acetate		108-65-6	5 - < 20
Methyl n-Amyl Ketone		110-43-0	5 - < 15
N-Butyl Acetate		123-86-4	5 - < 15
parachlorobenzotriflouride		98-56-6	5 - < 15
Silica, amorphous, precipitated and gel		112926-00-8	5 - < 10
Xylene		1330-20-7	5 - < 10
2,6-Dimethyl-4-heptanone		108-83-8	0< 5
Bis(1,2, 2, 6, 6-Pentamethyl-4-piperidinyl) Sebacate		41556-26-7	0< 5
Carbon Black		1333-86-4	o т- < g
Dibutyltin Dilaurate		77-58-7	0< 5
Ethylbenzene		100-41-4	0< 5
Isopropyl Benzene		98-82-8	0< 5
Naphtha, Petroleum, Heavy Alkylate		64741-65-7	o ^- < o
Trimethyl Benzene		25551-13-7	o ^- < o
Trimetyl Benzene		95-63-6	o ^- < o
Other components below reportable levels			3 - < 5

'Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed May cause drowsiness and dizziness. Fleadache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Alcohol resistant foam. Water fog. Carbon dioxide (C02). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures.

This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	PEL	290 mg/m3 50 ppm
Carbon Black (CAS 1333-86-4)	PEL	3.5 mg/m3
Dibutyltin Dilaurate (CAS 77-58-7)	PEL	0.1 mg/m3
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3 100 ppm
Isopropyl Benzene (CAS 98-82-8)	PEL	245 mg/m3 50 ppm
Methyl n-Amyl Ketone (CAS 110-43-0)	PEL	465 100 ppm
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)	PEL	400 100 ppm
N-Butyl Acetate (CAS 123-86-4)	PEL	710 150 ppm
Xylene (CAS 1330-20-7)	PEL	435 mg/m3

US. OSHA Table Z-2 (29 CFR 1910.1000)

Type		
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value
Silica, amorphous, precipitated and gel (CAS 112926-00-8)	TWA	0.8 mg/m3
		20 mppcf

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	25 ppm	
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m 3	Inhalable fraction.
Dibutyltin Dilaurate (CAS 77-58-7)	STEL	0.2 mg/m3	
	TWA	0.1 mg/m3	
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm	
Isopropyl Benzene (CAS 98-82-8)	TWA	50 ppm	
Methyl n-Amyl Ketone (CAS 110-43-0)	TWA	50 ppm	
N-Butyl Acetate (CAS 123-86-4)	STEL	200 ppm	
	TWA	150 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
Trimethyl Benzene (CAS 25551-13-7)	TWA	25 ppm	
Trimetyl Benzene (CAS 95-63-6)	TWA	25 ppm	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	150 mg/m3
		25 ppm
Carbon Black (CAS 1333-86-4)	TWA	0.1 mg/m3
Dibutyltin Dilaurate (CAS 77-58-7)	TWA	0.1 mg/m3
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3
	TWA	125 ppm 435 mg/m3
Isopropyl Benzene (CAS 98-82-8)	TWA	100 ppm 245 mg/m3
Methyl n-Amyl Ketone (CAS 110-43-0)	TWA	50 ppm 465 mg/m3
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7) 100 ppm	TWA	100 ppm 400 mg/m3

Components	Value

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
N-Butyl Acetate (CAS 123-86-4)	STEL	950 mg/m3
	TWA	200 ppm 710 mg/m3
Silica, amorphous, precipitated and gel (CAS 112926-00-8)	TWA	150 ppm 6 mg/m 3
Toluene (CAS 108-88-3)	STEL	560 mg/m3
	TWA	150 ppm 375 mg/m3
Trimetyl Benzene (CAS 95-63-6)	TWA	100 ppm 125 mg/m3
		25 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Glycol Ether PM Acetate (CAS 108-65-6)	TWA	50 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time	
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine		*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine		*
	0.03 mg/l	Toluene	Urine		*
	0.02 mg/l	Toluene	Blood		*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine		*

* - For sampling details, please see the source document. **Exposure guidelines**

US - California OELs: Skin designation

Dibutyltin Dilaurate (CAS 77-58-7)	Can be absorbed through the skin.
Glycol Ether PM Acetate (CAS 108-65-6)	Can be absorbed through the skin.
Isopropyl Benzene (CAS 98-82-8)	Can be absorbed through the skin.
Toluene (CAS 108-88-3)	Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

	Skin designation applies.
Dibutyltin Dilaurate (CAS 77-58-7)	Skin designation applies.
Isopropyl Benzene (CAS 98-82-8)	Skin designation applies.
Toluene (CAS 108-88-3)	

US - Tennessee OELs: Skin designation

Dibutyltin Dilaurate (CAS 77-58-7)	Can be absorbed through the skin
Isopropyl Benzene (CAS 98-82-8)	Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Dibutyltin Dilaurate (CAS 77-58-7)	Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical

Dibutyltin Dilaurate (CAS 77-58-7)	Can be absorbed through the skin
Isopropyl Benzene (CAS 98-82-8)	Can be absorbed through the skin

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Isopropyl Benzene (CAS 98-82-8)	Can be absorbed through the skin

Appropriate engineering controls Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Other

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Black

Odor Solvent.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -138.82 °F (-94.9 °C) estimated

Initial boiling point and boiling range 231.08 °F(110.6 °C) estimated

Flash point 40.0 °F (4.4 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) 1 . 1 % estimated

Flammability limit - upper (%) 7.9 % estimated

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 17.02 hPa estimated

Vapor density Not available.

Relative density Not available.

Soiubility(ies)

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature 740 °F (393.33 °C) estimated

Decomposition temperature Not available.

Viscosity Not available.

Other information

Density 0.94 g/cm3 estimated

Flammability class Flammable IB estimated

Percent volatile	62.5 w/w % By Weight 66.58 v/v % By Volume
Specific gravity	0.94 estimated
VOC (Weight %)	4.43 lb/gal (Actual VOC - With Water Less Exempts)
	4.79 lb/gal (Regulatory VOC - Less Water Less Exempts) 530.75 g/L (Actual VOC - With Water With Exempts) 574.09 g/L (Regulatory VOC - Less Water Less Exempts)

10. Stability and reactivity

Reactivity Chemical stability	The product is stable and non-reactive under normal conditions of use, storage and transport. Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute

Acute toxicity Toxic if inhaled. Harmful if swallowed. Narcotic effects. May cause an allergic skin reaction.

Components	**Species**	**Test Results**
2,6-Dimethyl-4-heptanone (CAS 108-83-8)		
Dermal		
		LD50 Rabbit
	Rat	> 2000 mg/kg
Inhalation		
LC50	Rat	> 5 mg/l, 4 Hours
Oral		
LD50	Mouse	1416 mg/kg
	Rat	5285 mg/kg
Carbon Black (CAS 1333-86-4)		
Acute		
Oral		
LD50		> 8000 mg/kg
Dibutyltin Dilaurate (CAS 77-58-7)		
Acute		
Oral		
LD50	Rat	175 mg/kg

Components	Species	Test Results
Ethylbenzene (CAS 100-41-4)		
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg
I sopropyl Benzene (CAS 98-82-8)		
Acute		
Inhalation		
LC50	Mouse	2000 ppm, 7 Hours
		24.7 mg/l, 2 Hours
	Rat	8000 ppm, 4 Hours
Oral		
LD50	Rat	1400 mg/kg
Methyl n-Amyl Ketone (CAS 110-43-0)		
Acute		
Dermal		
LD50	Rabbit	12600 mg/kg
Oral		
LD50	Mouse	730 mg/kg
	Rat	1.67 g/kg
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)		
Acute		
Inhalation		
LC50	Rat	61 mg/l, 4 Hours
Oral		
LD50	Rat	> 25 ml/kg
N-Butyl Acetate (CAS 123-86-4)		
Acute		
Inhalation		
LC50	Wistar rat	160 mg/l, 4 Hours
Oral		
LD50	Rat	14000 mg/kg
Silica, amorphous, precipitated and gel (CAS 112926-00-8)		
Acute		
Oral		
LD50	Mouse	> 15000 mg/kg
	Rat	> 22500 mg/kg
Toluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	12124 mg/kg 14.1 ml/kg
Inhalation		
LC50	Mouse	5320 ppm, 8 Hours
	Rat	400 ppm, 24 Hours
		26700 ppm, 1 Hours
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours

Components	Species	Test Results
Oral		
LD50	Rat	2.6 g/kg
Trimethyl Benzene (CAS 25551-13-7)		
Acute		
Oral		
LD50	Rat	8970 mg/kg
Trimetyl Benzene (CAS 95-63-6)		
Acute		
Dermal		
LD50	Rabbit	>3160 mg/kg
Inhalation		
LC50	Rat	> 2000 ppm, 48 Ho
Oral		
LD50	Rat	6 g/kg
Xylene (CAS 1330-20-7)		
Acute		
Dermal		
LD50	Rabbit	> 43 g/kg
Inhalation		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg

* Estimates for product may be based on additional component data not shown. **Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Skin Not a respiratory sensitizer

sensitization Germ Ceil May cause an allergic skin reaction.

mutagenicity Carcinogenicity May cause

May cause cancer.

irritation

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon Black (CAS 1333-86-4)	2B Possibly carcinogenic to humans.	
Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.	
Isopropyl Benzene (CAS 98-82-8)	2B Possibly carcinogenic to humans.	to humans
Silica, amorphous, precipitated and gel (CAS 112926-00-8)	3 Not	to humans
Toluene (CAS 108-88-3)	3 Not	to humans
Xylene (CAS 1330-20-7)	3 Not	

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure - Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Toxic to aquatic life with long lasting effects.

Ecotoxicity

Species		Test Results	
Ethylbenzene (CAS 100-41-4)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 -11 mg/l, 96 hours
Isopropyl Benzene (CAS 98-82-8)			
Aquatic			
Crustacea	EC50	Brine shrimp (Artemia sp.)	3.55 - 11.29 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.7 mg/l, 96 hours
Methyl n-Amyl Ketone (CAS 110-43-0)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	126 - 137 mg/l, 96 hours
Naphtha, Petroleum, Fleavy Alkylate (CAS 64741-65-7)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
		Components	8.8 mg/l, 96 hours
N-Butyl Acetate (CAS 123-86-4)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	17-19 mg/l, 96 hours
Toluene (CAS 108-88-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Trimetyl Benzene (CAS 95-63-6)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	7.19 - 8.28 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown. **Persistence and degradability** No data is available on the degradability of this product.

Bioaccumulative potential
Partition coefficient n-octanol / water (log Kow)

Dibutyltin Dilaurate	3 12
Ethylbenzene	3.15
Isopropyl Benzene	3.66
Methyl n-Amyl Ketone	1.98
N-Butyl Acetate	1.78
Toluene	2.73
Xylene	3.12-3.2

Mobility in soil No data available.
Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

DOT

UN number	UN1263
UN proper shipping name	Paint related material including paint thinning, drying, removing, or reducing compound
Transport hazard	
Class	3
Subsidiary risk	
Label(s)	3
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling
Special provisions	B52, IB2, T4, TP1, TP8, TP28, 149, 150, 173, 242
Packaging exceptions	
Packaging non bulk	
Packaging bulk	

IATA

UN number	UN1263
UN proper shipping name	Paint related material (including paint thinning or reducing compounds)
Transport hazard class(es)	
Class	3
Subsidiary risk	
Packing group	II
Environmental hazards	No.
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling
Other information	
Passenger and cargo aircraft	Allowed.
	Allowed.
Class	3
Subsidiary risk	UN1263
Packing group	II
Environmental hazards	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Marine pollutant	No.
EmS	F-E, S-E
Cargo aircraft only	

IMDG

UN number	
UN proper shipping name	
Transport hazard class(es)	
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

DOT

IATA; IMDG

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Ethylbenzene (CAS 100-41-4)	Listed
Isopropyl Benzene (CAS 98-82-8)	Listed
N-Butyl Acetate (CAS 123-86-4)	Listed
Toluene (CAS 108-88-3)	Listed
Xylene (CAS 1330-20-7)	Listed

Standard, 29 CFR 1910.1200.

One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes Fire Hazard - Yes
Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical **No**

SARA 313 (TRI reporting)

Chemical name	CAS number	%bywt.
Toluene	108-88-3	15 -<3
Xylene	1330-20-7	5 - <10
Ethylbenzene	100-41-4	0< 5
Isopropyl Benzene	98-82-8	0< 5
Trimetyl Benzene	95-63-6	0 -<5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylbenzene (CAS 100-41-4)
Isopropyl Benzene (CAS 98-82-8)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.
(SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Toluene (CAS 108-88-3)	6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Toluene (CAS 108-88-3)	35 %WV

DEA Exempt Chemical Mixtures Code Number

Toluene (CAS 108-88-3)	594

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Bis(1,2, 2, 6, 6-Pentamethyl-4-piperidinyl) Sebacate (CAS 41556-26-7)
Carbon Black (CAS 1333-86-4)
Ethylbenzene (CAS 100-41-4)
Isopropyl Benzene (CAS 98-82-8)
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)
Toluene (CAS 108-88-3)
Trimethyl Benzene (CAS 25551-13-7)
Trimetyl Benzene (CAS 95-63-6)
Xylene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

2,6- Dimethyl-4-heptanone (CAS 108-83-8)
Carbon Black (CAS 1333-86-4)
Ethylbenzene (CAS 100-41-4)
Isopropyl Benzene (CAS 98-82-8)
Methyl n-Amyl Ketone (CAS 110-43-0)
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)
N-Butyl Acetate (CAS 123-86-4)
Silica, amorphous, precipitated and gel (CAS 112926-00-8)
Toluene (CAS 108-88-3)
Trimethyl Benzene (CAS 25551-13-7)
Trimetyl Benzene (CAS 95-63-6)
Xylene (CAS 1330-20-7)

US. New Jersey Worker and Community Right-to-Know Act

2,6- Dimethyl-4-heptanone (CAS 108-83-8)
Carbon Black (CAS 1333-86-4)
Ethylbenzene (CAS 100-41-4)
Isopropyl Benzene (CAS 98-82-8)
Methyl n-Amyl Ketone (CAS 110-43-0)
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)
N-Butyl Acetate (CAS 123-86-4)
Silica, amorphous, precipitated and gel (CAS 112926-00-8)
Toluene (CAS 108-88-3)
Trimethyl Benzene (CAS 25551-13-7)
Trimetyl Benzene (CAS 95-63-6)
Xylene (CAS 1330-20-7)

US. Pennsylvania Worker and Community Right-to-Know Law

2,6- Dimethyl-4-heptanone (CAS 108-83-8)
Carbon Black (CAS 1333-86-4)
Ethylbenzene (CAS 100-41-4)
Isopropyl Benzene (CAS 98-82-8)
Methyl n-Amyl Ketone (CAS 110-43-0)
Naphtha, Petroleum, Heavy Alkylate (CAS 64741-65-7)
N-Butyl Acetate (CAS 123-86-4)
Toluene (CAS 108-88-3)
Trimethyl Benzene (CAS 25551-13-7)

Trimetyl Benzene (CAS 95-63-6)
Xylene (CAS 1330-20-7)

US. Rhode Island RTK

Ethylbenzene (CAS 100-41-4)
Isopropyl Benzene (CAS 98-82-8)
N-Butyl Acetate (CAS 123-86-4)
Toluene (CAS 108-88-3)
Trimetyl Benzene (CAS 95-63-6)
Xylene (CAS 1330-20-7)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT : Listed date/Carcinogenic substance

Carbon Black (CAS 1333-86-4) Listed: February 21,2003
Ethylbenzene (CAS 100-41-4) Listed: June 11,2004
Isopropyl Benzene (CAS 98-82-8) Listed: April 6, 2010 **:**

US - California Proposition 65 - CRT Listed date/Developmental toxin

Toluene (CAS 108-88-3) Listed: January 1,1991 **:**

US - California Proposition 65 - CRT Listed date/Female reproductive toxin Listed: August 7, 2009

Toluene (CAS 108-88-3)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Disclaimer

Our Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.