SAFETY DATA SHEET

1. Identification

Product identifier Acrylic Primer Black

Product code 340

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 800-424-9300ChemTrec

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 1
Health hazards	Acute toxiaty, oral	Category 4
	Skin corrosion/irritation Serious eye damage/eye	Category 2
	irritation Sensitization, skin Germ cell	Category 2A
	mutagenicity Carcinogenicity Reproductive	Category 1
	toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 1A
	Specific target organ toxicity, repeated exposure	Category 1
	Hazardous to the aquatic environment, acute hazard	Category 3 narcotic effects
		Category 1
Environmental hazards		Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement Extremely flammable liquid and vapor. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction Causes serious eye irritation May cause drowsiness or dizziness. Suspected of causing genetic defects. May cause cancer. May damage fertility or 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. dnnk 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. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. 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/intemational regulations. None known.

Hazard(s) not otherwise classified (HNOC)

Supplemental information

35.97% of the mixture consists of component(s) of unknown acute oral toxicity. 63.38% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment 63 38% 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	%
Acetone		67-64-1	1 5 - < 3 5
Toluene		108-88-3	1 5 - < 3 5
Talc		14807-96-6	5 - < 2 5
Cellulose Nitrate		9004-70-0	5-< 15
Carbon Black		1333-86-4	0-< 5
Crystalline Quartz Regulatory		14808-60-7	0< 5
Dibutyl Phthalate		84-74-2	0-< 5
Ethylbenzene		100-41-4	0 - < 5
Glycol Ether PM Acetate		108-65-6	0< 5
Isopropanol		67-63-0	0 - < 5
Magnesium oxide		1309-48-4	0< 5
Maleic Anhydride		108-31-6	0< 5
Methanol		67-56-1	0-< 5
Methyl Isobutyl Ketone		108-10-1	0 - < 5
o-Xylene		95-47-6	0< 5
Phosphoric Acid Regulatory		7664-38-2	0< 5
p-Xylene		106-42-3	0< 5
Tremolite (Non-asbestiform)		14567-73-8	0-< 5
Xylene		1330-20-7	0-< 5
Other components below reportable levels			5 - < 10

'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. Call a POISON CENTER or doctor/physician if you feel unwell.

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 irntation 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. Headache 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

	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (C02).
	Do not use water jet as an extinguisher, as this will spread the fire.
Suitable extinguishing media	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back During fire, gases hazardous to health may be formed
Unsuitable extinguishing media	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Specific hazards arising from the chemical	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Special protective equipment and precautions for firefighters Fire fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials. Extremely flammable liquid and vapor.
Specific methods	
General fire hazards	

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 dothing Ventilate closed spaces betore entering them. 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.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. 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 appropnate managenal or supervisory personnel of all environmental releases.

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. 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. Wear appropriate personal protective equipment Wash hands thoroughly after handling Avoid release to the environment. Observe good industrial hygiene practices.

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. 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 Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Tremolite (Non-asbestiform) (CAS 14567-73-8)	STEL	1 fibers/cm3
	TWA	0.1 fibers/cm3

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm	
Carbon Black (CAS 1333-864)	PEL	3.5 mg/m3	
Dibutyl Phthalate (CAS 84-74-2)	PEL	5 mg/m3	
Ethylbenzene (CAS 100414)	PEL	435 mg/m3 100 ppm	
Isopropanol (CAS 67-63-0)	PEL	980 mg/m3 400 ppm	
Magnesium oxide (CAS 1309484)	PEL	15 mg/m3	Total particulate.
Maleic Anhydride (CAS 108-31-6)	PEL	1 mg/m3 0.25 ppm	
Methanol (CAS 67-56-1)	PEL	260 mg/m3 200 ppm	
Methyl Isobutyl Ketone (CAS 108-10-1)	PEL	410 mg/m3 100 ppm	
o-Xylene (CAS 9547-6)	PEL	435 mg/m3 100 ppm	
Phosphoric Acid Regulatory (CAS 7664-38-2)	PEL	1 mg/m 3	
p-Xylene (CAS 10642-3)	PEL	435 mg/m3 100 ppm	
Xylene (CAS 1330-20-7)	PEL	435 mg/m3 100 ppm	

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

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

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

Components	Type	Value	Form
Crystalline Quartz Regulatory (CAS 14808-60-7)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.
Talc (CAS 14807-96-6)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		20 mppcf	
		2.4 mppcf	Respirable

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m 3	Inhalable fraction.
Crystalline Quartz Regulatory (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction
Dibutyl Phthalate (CAS 84-74-2)	TWA	5 mg/m3	
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm	
Isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Inhalable fraction.
Maleic Anhydride (CAS 108-31-6)	TWA	0.01 mg/m3	Inhalable fraction and vapor.
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
Methyl Isobutyl Ketone (CAS 108-10-1)	STEL	75 ppm	
	TWA	20 ppm	
o-Xylene (CAS 95-47-6)	STEL	150 ppm	
	TWA	100 ppm	
Phosphoric Acid Regulatory (CAS 7664-38-2)	STEL	3 mg/m 3	
	TWA	1 mg/m3	
p-Xylene (CAS 106-42-3)	STEL	150 ppm	
	TWA	100 ppm	
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction
Toluene (CAS 108-88-3)	TWA	20 ppm	
Tremolite (Non-asbestiform) (CAS 14567-73-8)	TWA	0.1 fibers/cm3	Fiber.
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	590 mg/m3	
			250 ppm
Carbon Black (CAS 1333-86-4)	TWA	0.1 mg/m3	
Crystalline Quartz Regulatory (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Dibutyl Phthalate (CAS 84-74-2)	TWA	5 mg/m 3	
Ethylbenzene (CAS 10041-4)	STEL	545 mg/m3	
	TWA	125 ppm 435 mg/m3	
Isopropanol (CAS 67-63-0)	STEL	100 ppm 1225 mg/m3	
	TWA	500 ppm 980 mg/m3	
Maleic Anhydride (CAS 108-31-6)	TWA	400 ppm 1 mg/m3	
Methanol (CAS 67-56-1)	STEL	0.25 ppm 325 mg/m3	
	TWA	250 ppm 260 mg/m3	
Methyl Isobutyl Ketone (CAS 108-10-1)	STEL	200 ppm 300 mg/m3	
	TWA	75 ppm 205 mg/m3	
o-Xytene (CAS 9547-6)	STEL	50 ppm 655 mg/m3	
	TWA	150 ppm 435 mg/m3	
Phosphoric Acid Regulatory (CAS 7664-38-2)	STEL	100 ppm 3 mg/m 3	
	TWA	1 mg/m 3	
p-Xylene (CAS 106-42-3)	STEL	655 mg/m3	
	TWA	150 ppm 435 mg/m3	
Talc (CAS 14807-96-6)	TWA	100 ppm 2 mg/m3	Respirable.
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
	TWA	150 ppm 375 mg/m3	
		100 ppm	

US. Workplace Environmental Exposure Level (WEEL) Guides

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

logical limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Ethylbenzene (CAS 10041-4)	0.15 g/g	Sum of mandelic acid and phenyiglyoxylic acid	Creatinine in urine	♦
Isopropanol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*
Methanol (CAS 67-56-1)	15 mg/1	Methanol	Urine	*
Methyl Isobutyl Ketone (CAS 108-10-1)	1 mg/l	Methyl isobutyl ketone	Urine	*
o-Xylene (CAS 9547-6)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
p-Xylene (CAS 106-42-3)	1.5 g/g	Methylhippuric acids	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 Glycol Ether PM

Acetate (CAS 108-65-6) Can be absorbed through the skin.
Methanol (CAS 67-56-1) Can be absorbed through the skin.
Toluene (CAS 108-88-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Methanol (CAS 67-56-1) Skin designation applies.
Toluene (CAS 108-88-3) Skin designation applies.

US - Tennessee OELs: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Methanol (CAS 67-56-1) 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.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Chemical respirator with organic vapor cartridge and full facepiece.

Respiratory protection Wear appropriate thermal protective clothing, when necessary

Thermal hazards 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.

General hygiene considerations

9. Physical and chemical properties

Appearance

Physical state Form Color Liquid.

Odor Liquid.

Odor threshold Black

pH Solvent.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

-138.82 °F (-94.9 °C) estimated

93.2 °F (34 °C) estimated

Flash point	-4.0 °F (-20.0 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Flammability limit - lower 1.3 % estimated
Flammability limit - upper (%)	12.8% estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	121.17 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	338 °F (170 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.23 g/cm3 estimated
Flammability class	Flammable IA estimated
Percent volatile	61.97 w/w% By Weight 75.86 v/v % By Volume
Specific gravity	1.23 estimated
VOC (Weight %)	2.90 lb/gal (Actual VOC - With Water With Exempts) 4.62 lb/gal (Regulatory VOC - Less Water Less Exempts) 347.09 g/L (Actual VOC - With Water With Exempts) 553.94 g/L (Regulatory VOC - Less Water Less Exempts)

10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use. storage and transport.

Reactivity	Material is stable under normal conditions
Chemical stability	Hazardous polymerization does not occur.
Possibility of hazardous reactions	
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. Halogens.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	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 toxicity	Harmful if swallowed. Narcotic effects May cause an allergic skin reaction.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute		
Dermal		
LD50	Rabbit	20000 mg/kg
		20 ml/kg
Inhalation		
LC50	Rat	76 mg/I, 4 Hours
		50 1 mg/I. 8 Hours
Oral		
LD50	Mouse	3000 mg/kg
	Rabbit	5340 mg/kg
	Rat	5800 mg/kg
Carbon Black (CAS 1333-86-4)		
Acute		
Oral		
LD50	Rat	> 8000 mg/kg
Dibutyl Phthalate (CAS 84-74-2)		
Acute		
Dermal		
LD50	Rabbit	4200 mg/kg
		20 ml/kg
Inhalation		
LC50	Mouse	25 mg/I. 2 Hours
	Rat	15.68 mg/I. 4 Hours
Oral		
LD50	Guinea pig	10000 mg/kg
	Mouse	4840 mg/kg
	Rat	6300 mg/kg
Ethylbenzene (CAS 100-41-4)		
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg
Isopropanol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	12800 mg/kg
Oral		
LD50	Dog	4797 mg/kg
	Mouse	3600 mg/kg
	Rabbit	5.03 g/kg
	Rat	4.7 g/kg
Maleic Anhydnde (CAS 108-31-6)		
Acute		
Dermal		
LD50	Albino rabbit	> 398 mg/kg
Oral		
LD50	Albino Sprague-Dawley rat	900 mg/kg

Components	Species	Test Results
	Mouse	465 mg/kg
Methanol (CAS 67-56-1)		
Acute		
Dermal		
LD50	Rabbit	15800 mg/kg
Inhalation		
LC50	Cat	85.41 mg/l, 4.5 Hours
		43.68 mg/l, 6 Hours
	Rat	64000 ppm. 4 Hours
		87.5 mg/l. 6 Hours
Oral		
LD50	Dog	8000 mg/kg
	Monkey	2g/kg
	Mouse	7300 mg/kg
	Rabbit	14 4 g/kg
	Rat	5628 mg/kg
Methyl Isobutyl Ketone (CAS 108-10-1)		
Acute		
Dermal		
LD50	Rabbit	> 16000 mg/kg
Inhalation		
LC50	Rat	8.2 mg/l, 4 Hours
Oral		
LD50	Rat	2080 mg/kg
o-Xylene (CAS 95-47-6)		
Acute		
Dermal		
LD50	Rabbit	>43 g/kg
Inhalation		
LC50	Mouse	4600 ppm. 6 Hours
	Rat	6350 ppm. 4 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	4300 mg/kg
Phosphoric Acid Regulatory (CAS 7664-38-2)		
Acute		
Dermal		
LD50	Rabbit	2740 mg/kg
Oral		
LD50	Rat	1530 mg/kg
p-Xylene (CAS 106-42-3)		
Acute		
Dermal		
LD50	Rabbit	>43 g/kg
Inhalation		
LC50	Mouse	3900 ppm, 6 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg

Components	Species	Test Results
Toluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	12124 mg/kg
		14.1 ml/kg
Inhalation		
LC50	Mouse	5320 ppm. 8 Hours
		400 ppm, 24 Hours
	Rat	26700 ppm. 1 Hours
		12200 ppm, 2 Hours
		8000 ppm. 4 Hours
Oral		
LD50	Rat	2.6 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 irritation Causes senous eye irritation

Respiratory or skin sensitization

ACGIH Sensitization

Maleic Anhydnde (CAS 108-31-6) Dermal sensitization
Respiratory sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction

Germ cell mutagenicity Suspected of causing genetic defects.

Carcinogenicity May cause cancer

IARC Monographs. Overall Evaluation of Carcinogenicity **OSHA**

Carbon Black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.
Crystalline Quartz Regulatory (CAS 14808-60-7) 1 Carcinogenic to humans 2B Possibly carcinogenic to humans.
Ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.
Methyl Isobutyl Ketone (CAS 108-10-1) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3) 3 Not classifiable as to carcinogenicity to humans 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans 1 Carcinogenic to humans.
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)
Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans

Specifically Regulated Substances (29 CFR 1910.1001-1050)

Tremolite (Non-asbestiform) (CAS 14567-73-8) Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

Crystalline Quartz Regulatory (CAS 14808-60-7) Known To Be Human Carcinogen.

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

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	10294 - 17704 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Dibutyl Phthalate (CAS 84-74-2)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	2.99 mg/l, 48 hours
Fish	LC50	Channel catfish (Ictalurus punctatus)	0.4 - 0.53 mg/l, 96 hours
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
Isopropanol (CAS 67-63-0)			
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/l, 96 hours
Maleic Anhydride (CAS 108-31-6)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	230 mg/l, 96 hours
Methanol (CAS 67-56-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours
Methyl Isobutyl Ketone (CAS 108-10-1)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/l, 96 hours
o-Xylene (CAS 95-47-6)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.78 - 2.51 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	5.59 - 11.6 mg/l, 96 hours
p-Xylene (CAS 106-42-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	3.55 - 6.31 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.6 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

Components		Species	Test Results
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)

Acetone	-0.24
Dibutyl Phthalate	4.9
Ethylbenzene	3.15
Isopropanol	0.05
Methanol	-0.77
Methyl Isobutyl Ketone	1.31
o-Xylene	3.12
p-Xylene	3.15
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(es)
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 149, B52, IB2, T4, TP1, TP8, TP28
Packaging exceptions 150
Packaging non bulk 173
Packaging bulk 242

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.
Cargo aircraft only	Allowed.

IMDG

UN number	UN1263
UN proper shipping name	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)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-E
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 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)

Tremolite (Non-asbestiform) (CAS 14567-73-8)	0.1 % Annual Export Notification required.

TSCA Chemical Action Plans, Chemicals of Concern

Dibutyl Phthalate (CAS 84-74-2)	Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)	Listed.
Cellulose Nitrate (CAS 9004-70-0)	Listed.
Dibutyl Phthalate (CAS 84-74-2)	Listed.
Ethylbenzene (CAS 100-41-4)	Listed.
Isopropanol (CAS 67-63-0)	Listed.

Maleic Anhydride (CAS 108-31-6)	Listed.
Methanol (CAS 67-56-1)	Listed.
Methyl Isobutyl Ketone (CAS 108-10-1)	Listed.
o-Xylene (CAS 95-47-6)	Listed.
Phosphoric Acid Regulatory (CAS 7664-38-2)	Listed.
p-Xylene (CAS 106-42-3)	Listed.
Toluene (CAS 108-88-3)	Listed.
Tremolite (Non-asbestiform) (CAS 14567-73-8)	Listed.
Xylene (CAS 1330-20-7)	Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Tremolite (Non-asbestiform) (CAS 14567-73-8)	Cancer Lung

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	% by wt.
Toluene	108-88-3	15 - < 35
Dibutyl Phthalate	84-74-2	0 - < 5
Ethylbenzene	100-41-4	0 - < 5
Isopropanol	67-63-0	0 - < 5
Maleic Anhydride	108-31-6	0< 5
Methanol	67-56-1	0 - < 5
Methyl Isobutyl Ketone	108-10-1	0 - < 5
o-Xylene	95-47-6	0< 5
p-Xylene	106-42-3	0< 5
Tremolite (Non-asbestiform)	14567-73-8	0 - < 5
Xylene	1330-20-7	0 - < 5

Other federal regulations

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

Dibutyl Phthalate (CAS 84-74-2)
Ethylbenzene (CAS 100-41-4)
Maleic Anhydride (CAS 108-31-6)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
o-Xylene (CAS 95-47-6)
p-Xylene (CAS 106-42-3)
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)
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 (SDWA) Not regulated.

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

Acetone (CAS 67-64-1)	6532
Methyl Isobutyl Ketone (CAS 108-10-1)	6715
Toluene (CAS 108-88-3)	6594

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

Acetone (CAS 67-64-1)	35 %WV
Methyl Isobutyl Ketone (CAS 108-10-1)	35 %WV

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

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1)	6532
Methyl Isobutyl Ketone (CAS 108-10-1)	6715
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))

Acetone (CAS 67-64-1)
Carbon Black (CAS 1333-86-4)
Crystalline Quartz Regulatory (CAS 14808-60-7)
Dibutyl Phthalate (CAS 84-74-2)
Ethylbenzene (CAS 100-41-4)
Isopropanol (CAS 67-63-0)
Maleic Anhydride (CAS 108-31-6)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
o-Xylene (CAS 95-47-6)
Phosphoric Acid Regulatory (CAS 7664-38-2)
p-Xylene (CAS 106-42-3)
Talc (CAS 14807-96-6)
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)
Xylene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)
Carbon Black (CAS 1333-86-4)
Cellulose Nitrate (CAS 9004-70-0)
Crystalline Quartz Regulatory (CAS 14808-60-7)
Dibutyl Phthalate (CAS 84-74-2)
Ethylbenzene (CAS 100-41-4)
Isopropanol (CAS 67-63-0)
Magnesium oxide (CAS 1309-48-4)
Maleic Anhydride (CAS 108-31-6)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
o-Xylene (CAS 95-47-6)
Phosphoric Acid Regulatory (CAS 7664-38-2)
p-Xylene (CAS 106-42-3)
Talc (CAS 14807-96-6)
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)
Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1)
Carbon Black (CAS 1333-86-4)
Cellulose Nitrate (CAS 9004-70-0)
Crystalline Quartz Regulatory (CAS 14808-60-7)
Dibutyl Phthalate (CAS 84-74-2)
Ethylbenzene (CAS 100-41-4)
Isopropanol (CAS 67-63-0)
Magnesium oxide (CAS 1309-48-4)
Maleic Anhydride (CAS 108-31-6)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
o-Xylene (CAS 95-47-6)
Phosphoric Acid Regulatory (CAS 7664-38-2)
p-Xylene (CAS 106-42-3)
Talc (CAS 14807-96-6)
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)

Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1)
Carbon Black (CAS 1333-86-4)
Cellulose Nitrate (CAS 9004-70-0)
Crystalline Quartz Regulatory (CAS 14808-60-7)
Dibutyl Phthalate (CAS 84-74-2)
Ethylbenzene (CAS 100-41-4)
Isopropanol (CAS 67-63-0)
Magnesium oxide (CAS 1309-48-4)
Maleic Anhydride (CAS 108-31-6)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
o-Xylene (CAS 95-47-6)
Phosphoric Acid Regulatory (CAS 7664-38-2)
p-Xylene (CAS 106-42-3)
Talc (CAS 14807-96-6)
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)
Xylene (CAS 1330-20-7)

US. Rhode Island RTK

Acetone (CAS 67-64-1)
Dibutyl Phthalate (CAS 84-74-2)
Ethylbenzene (CAS 100-41-4)
Isopropanol (CAS 67-63-0)
Maleic Anhydride (CAS 108-31-6)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
o-Xylene (CAS 95-47-6)
Phosphoric Acid Regulatory (CAS 7664-38-2)
p-Xylene (CAS 106-42-3)
Toluene (CAS 108-88-3)
Tremolite (Non-asbestiform) (CAS 14567-73-8)
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
Crystalline Quartz Regulatory (CAS 14808-60-7)	Listed: October 1, 1988
Ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004
Methyl Isobutyl Ketone (CAS 108-10-1)	Listed: November 4, 2011
Tremolite (Non-asbestiform) (CAS 14567-73-8)	Listed: February 27, 1987

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

Dibutyl Phthalate (CAS 84-74-2)	Listed: December 2, 2005
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Methyl Isobutyl Ketone (CAS 108-10-1)	Listed: March 28, 2014
Toluene (CAS 108-88-3)	Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Dibutyl Phthalate (CAS 84-74-2)	Listed: December 2, 2005
Toluene (CAS 108-88-3)	Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Dibutyl Phthalate (CAS 84-74-2)	Listed: December 2, 2005

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

Country(s) or region	Inventory name	On inventory (yes/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.