SAFETY DATA SHEET

1D-354-1

UMAX PLUS WW CLR PC SATN

7/21/2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

1D-354-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information). Not recommended for any other use not detailed on product data sheet or label.

1.3 Details of the supplier of the safety data sheet

GEMINI COATINGS INC. (WEST BLDG)
2300 SW HOLLOWAY ST
El Reno, OK 730365773 US
(800) 262-5710
www.gemini-coatings.com

1.4 Emergency telephone number

INFOTRAC 800-535-5053 USA Only
352-323-3500 International (Outside of USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Acute Tox. 4; Carc. 1; Flam. Liq. 1; Muta. 1; Repr. 1; STOT RE 1; STOT SE 1

2.2 Label elements

Flammable Irritant Health Hazard

Danger

H224-Extremely flammable liquid and vapour.
H332-Harmful if inhaled.
H340-May cause genetic defects.
H350-May cause cancer.
H360-May damage fertility or the unborn child.
H370-Causes damage to organs.
H372-Causes damage to organs through prolonged or repeated exposure.

Prevention

P201-Obtain special instructions before use.

P210-Keep away from heat, sparks, open flames, and other ignition sources. No smoking.

P233-Keep container tightly closed.

P240-Ground/bond container and receiving equipment.

P241-Use explosion-proof electrical/ventilating/lighting/and all material-handling equipment.

P242-Use only non-sparking tools.

P243-Take precautionary measures against static discharge.

P260-Do not breathe dust/fume/gas/mist/vapours/spray.

P261-Avoid breathing dust/fume/gas/mist/vapours/spray.

P264-Wash skin thoroughly after handling.

P270-Do not eat, drink or smoke when using this product.

P271-Use only outdoors or in a well-ventilated area.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303+P361+P353-IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

P304+P340-IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P308+P311-IF exposed or concerned

P312-Call a POISON CENTER or doctor/physician if you feel unwell.

P314-Get medical advice/attention if you feel unwell.

P321-Specific treatment (see First Aid section on this label)

P370+P378-In case of fire: Use the National Fire Protection Association Class B extinguisher for extinction.

Storage

P403+P235-Store in a well-ventilated place. Keep cool.

P405-Store locked up.

Disposal

P501-Dispose of contents and container to a licensed chemical disposal agency in accordance with local, regional and national regulations.

2.3 Other hazards

2.4 Unknown Acute Toxicity (US)

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Chemical Name	CAS Number	Percentage	Classification
Acetone	67-64-1	5% - 10%	Asp. Tox. 2 Eye Irrit. 2A Flam. Liq. 2 Repr. 2 STOT RE 1 STOT SE 3
Ethyl alcohol	64-17-5	5% - 10%	Carc. 1A Eye Irrit. 2A Flam. Liq. 2 Repr. 1A STOT RE 1 STOT SE 3
Polyglyceryl phthalate ester o	66070-87-9	5% - 10%	
Nitrocellulose	9004-70-0	5% - 10%	
Urea, polymer with formaldehyd	68002-18-6	3% - 7%	
1-Butanol	71-36-3	3% - 7%	Asp. Tox. 2 Skin Irrit. 2 Eye Corr. 1 Flam. Liq. 3 STOT RE 1 STOT SE 3
Isobutyl isobutyrate	97-85-8	3% - 7%	Aquatic Acute 3 Aquatic Chronic 3 Flam. Liq. 3 STOT SE 3
n-Butyl acetate	123-86-4	1% - 5%	Aquatic Acute 3 Eye Irrit. 2B Flam. Liq. 2 STOT SE 3
Isopropyl alcohol	67-63-0	1% - 5%	Asp. Tox. 2 Eye Irrit. 2A Flam. Liq. 2 Repr. 2 STOT RE 1 STOT SE 1
Isobutyl acetate	110-19-0	10% - 30%	Aquatic Acute 3 Eye Irrit. 2B Flam. Liq. 2 STOT SE 3
Isobutyl alcohol	78-83-1	1% - 5%	Skin Irrit. 2 Eye Corr. 1 Flam. Liq. 3 STOT SE 3
Bis(2-ethylhexyl) adipate	103-23-1	1% - 5%	Aquatic Chronic 1 Repr. 2 STOT SE 3
Xylenes (o-, m-, p- isomers)	1330-20-7	0.5% - 1.5%	Aquatic Acute 2 Aquatic Chronic 2 Asp. Tox. 1 Skin Irrit. 2 Flam. Liq. 3 Repr. 1B STOT RE 1 STOT SE
PROPRIETARY	PROPRIETARY	0.1% - 1%	
n-Propyl acetate	109-60-4	0.1% - 1%	Aquatic Acute 3 Eye Irrit. 2A Flam. Liq. 2 STOT SE 3
Water	7732-18-5	0.1% - 1%	
Silica, amorphous, fumed, crys	112945-52-5	0.1% - 1%	
Ethylbenzene	100-41-4	0.1% - 1%	Aquatic Acute 1 Aquatic Chronic 2 Asp. Tox. 1 Carc. 2 Skin Irrit. 2 Eye Irrit. 2A Flam. Liq. 2 Repr.
Solvent naphtha, petroleum, li	64742-95-6	0.1% - 1%	Aquatic Chronic 2 Asp. Tox. 1 Carc. 1A Skin Irrit. 2 Eye Irrit. 2A Flam. Liq. 3 Muta. 1B STOT RE 1
Phosphoric acid, butyl ester	12788-93-1	0.1% - 1%	Skin Corr. 1B
2-Propenoic acid, 2-cyano-3,3-	5232-99-5	0.1% - 1%	Aquatic Acute 1 Aquatic Chronic 4
Benzene, 1,2,4-trimethyl-	95-63-6	0.1% - 1%	Aquatic Acute 2 Aquatic Chronic 2 Asp. Tox. 1 Skin Irrit. 2 Eye Irrit. 2 Flam. Liq. 3 STOT RE 1 STOT
Formaldehyde	50-00-0	Less than 0.1%	Acute Tox. 2 Aquatic Acute 2 Aquatic Chronic 3 Carc. 1A Skin Corr. 1B Eye Corr. 1 Flam. Gas 1 Pres.
Propylene glycol monomethyl et	108-65-6	Less than 0.1%	Eye Irrit. 2B Flam. Liq. 3 STOT SE 3
2-Phenoxyethanol	122-99-6	Less than 0.1%	Eye Corr. 1 STOT SE 3
Toluene	108-88-3	Less than 0.1%	Aquatic Acute 2 Aquatic Chronic 3 Asp. Tox. 1 Skin Irrit. 2 Eye Irrit. 2B Flam. Liq. 2 Repr. 1A STOT
Phenol, 2,6-bis(1,1-dimethylet	128-37-0	Less than 0.1%	Aquatic Acute 1 Aquatic Chronic 1 Eye Irrit. 2B Repr. 2 STOT RE 2 STOT SE 1
Benzene	71-43-2	Less than 0.1%	Aquatic Acute 2 Aquatic Chronic 2 Asp. Tox. 1 Carc. 1A Skin Irrit. 2 Eye Irrit. 2A Flam. Liq. 2 Muta

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

After inhalation	Remove exposed individual to fresh air and assist breathing if necessary. Seek medical attention.
After skin contact	Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.
After eye contact	Flush eyes with lukewarm water for 15 minutes. Seek medical attention immediately.
After ingestion	Rinse mouth out immediately. Drink 1 or 2 glasses of water to dilute. DO NOT induce vomiting. Contact physician or poison control center immediately.

Self-protection of the first aider

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Alcohol Foam, CO_2, Dry Chemical

Unsuitable extinguishing media

5.2 Special hazards arising from the substance or mixture

Keep containers tighly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containters may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because product (even residue) may ignite explosively. Liquid and vapor states of this sibstance are dangerous fire hazards and moderate explosion when exposed to heat or flame.

Oxidation may produce carbon and nitrogen oxides.

5.3 Advice for firefighters

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA Class IB flammable liquid fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.

If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

7.2 Conditions for safe storage, including any incompatibilities

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas.

7.3 Incompatibilites/Specific end uses(s)

Incompatibilities

Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ethylbenzene(100-41-4)

OSHA PEL	100 ppm
OSHA PEL	435 mg/m3
NIOSH	435 mg/m3
NIOSH	100 ppm
ACGIH TLV	20 ppm
QUEBEC	20 ppm
ONTARIO	20 ppm
BRITISH COLUMBIA	20 ppm

Propylene glycol monomethyl et(108-65-6)

BRITISH COLUMBIA	50 ppm
ONTARIO	50 ppm
ONTARIO	270 mg/m3

Toluene(108-88-3)

ONTARIO	20 ppm
QUEBEC	20 ppm
ACGIH TLV	20 ppm
NIOSH	375 mg/m3
NIOSH	100 ppm
OSHA PEL	375 mg/m3
OSHA PEL	200 ppm
BRITISH COLUMBIA	20 ppm

n-Propyl acetate(109-60-4)

BRITISH COLUMBIA	100 ppm
OSHA PEL	200 ppm
OSHA PEL	840 mg/m3
NIOSH	840 mg/m3
NIOSH	200 ppm
ACGIH TLV	100 ppm
QUEBEC	100 ppm
ONTARIO	200 ppm

Isobutyl acetate(110-19-0)

ONTARIO	50 ppm
QUEBEC	50 ppm
NIOSH	700 mg/m3
NIOSH	150 ppm
ACGIH TLV	50 ppm
OSHA PEL	700 mg/m3
OSHA PEL	150 ppm
BRITISH COLUMBIA	50 ppm

2-Phenoxyethanol(122-99-6)

ONTARIO	25 ppm
ONTARIO	141 mg/m3

n-Butyl acetate(123-86-4)

ONTARIO	50 ppm
ACGIH TLV	50 ppm
NIOSH	710 mg/m3
NIOSH	150 ppm
QUEBEC	50 ppm
OSHA PEL	150 ppm
OSHA PEL	710 mg/m3
BRITISH COLUMBIA	50 ppm

Phenol, 2,6-bis(1,1-dimethylet(128-37-0)

BRITISH COLUMBIA	2 mg/m3
OSHA PEL	10 mg/m3
QUEBEC	2 mg/m3
NIOSH	10 mg/m3
ACGIH TLV	2 mg/m3
ONTARIO	2 mg/m3

Xylenes (o-, m-, p- isomers)(1330-20-7)

ONTARIO	100 ppm
QUEBEC	100 ppm
QUEBEC	434 mg/m3
OSHA PEL	100 ppm
OSHA PEL	435 mg/m3
ACGIH TLV	20 ppm

Formaldehyde(50-00-0)

ACGIH TLV	0.1 ppm
BRITISH COLUMBIA	0.1 ppm
OSHA PEL	0.75 ppm
ONTARIO	0.1 ppm
NIOSH	0.016 ppm

Ethyl alcohol(64-17-5)

NIOSH	1000 ppm
NIOSH	1900 mg/m3
OSHA PEL	1000 ppm
OSHA PEL	1900 mg/m3

Isopropyl alcohol(67-63-0)

OSHA PEL	400 ppm
OSHA PEL	980 mg/m3
ACGIH TLV	200 ppm
NIOSH	400 ppm
NIOSH	980 mg/m3
QUEBEC	200 ppm
ONTARIO	200 ppm
BRITISH COLUMBIA	200 ppm

Acetone(67-64-1)

BRITISH COLUMBIA	250 ppm
ONTARIO	250 ppm
NIOSH	590 mg/m3
NIOSH	250 ppm
ACGIH TLV	250 ppm
OSHA PEL	750 ppm
OSHA PEL	1800 mg/m3

1-Butanol(71-36-3)

OSHA PEL	100 ppm
OSHA PEL	300 mg/m3
ACGIH TLV	20 ppm
ONTARIO	20 ppm
QUEBEC	20 ppm
BRITISH COLUMBIA	15 ppm

Benzene(71-43-2)

BRITISH COLUMBIA	0.5 ppm
QUEBEC	0.5 ppm
ONTARIO	0.5 ppm
ACGIH TLV	0.02 ppm
NIOSH	0.1 ppm
OSHA PEL	1 ppm

OSHA PEL	10 ppm

Isobutyl alcohol(78-83-1)

OSHA PEL	100 ppm
OSHA PEL	300 mg/m3
NIOSH	50 ppm
NIOSH	150 mg/m3
ACGIH TLV	50 ppm
ONTARIO	50 ppm
QUEBEC	50 ppm
QUEBEC	152 mg/m3
BRITISH COLUMBIA	50 ppm

Benzene, 1,2,4-trimethyl-(95-63-6)

ACGIH TLV	10 ppm
NIOSH	25 ppm
NIOSH	125 mg/m3

8.2 Engineering Controls/Exposure Controls

Engineering controls

Environmental exposure controls

8.3 Protective Measures

Eye/face protection Wear splash proof googles and face shield if there is a likelihood of contact with eyes.

Hand protection

Other Skin protection Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile.
An apron should be worn to avoid skin contact.

Other protection

Respiratory protection If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.

General hygiene consideration Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not
wear again until it has been properly laundered.

Thermal hazards

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Autoignition Temp	0.00 °C	Coating VOC Lbs/Gal	5.46
Coating VOC grams/liter	653.76	Densities	7.6786
Density	7.68	Flash Points	-20.00 °C
Lbs HAPs / Gallon	0.12	Material VOC Lbs/Gal	4.81
Material VOC grams/liter	576.36	Physical State	LIQUID
Solids Vol%	19.80	Specific Gravity	0.9207
State of Matter	Liquid	Upper/lower flammability range	0 - 0 vol %
Weight of VOC	481.00		

9.2 Other information

SECTION 10: Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Strong oxidizing agents, strong alkalines, strong mineral acids.

high heat, sparks, flames, static discharge.

10.5 Incompatible materials

10.6 Hazardous decomposition products

Oxidation may produce carbon oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin contact	Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermititis.
Eye contact	Can cause irritation, redness, tearing and blurred vision.
Inhalation	Inhalation: Excessive inhalation of vapors can cause nasal and repiratory irritation, dizziness, weakness, fatigue, nausea, headache possible unconsciousness and even asphyxiation. High vapor concentrations or porlonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.
Ingestion	Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.
Symptoms related to characterics	
Acute effects	
Chronic effects	

Numerical measures of Toxicity

Ethylbenzene (100-41-4)		
LC50 Inhalation RAT	= 17.4 mg/L	OECD_SIDS
LD50 Dermal RABBIT	= 15400 mg/kg	JAPAN_GHS
LD50 Ingestion RAT	= 3500 mg/kg	JAPAN_GHS
Bis(2-ethylhexyl) adipate (103-23-1)		
LD50 Ingestion RAT	= 5600 mg/kg	NLM_CIP
LD50 Dermal RABBIT	= 8410 mg/kg	NLM_CIP
LC50 Inhalation RAT	> 5.7 mg/L no deaths occurred	ECHA_API
Propylene glycol monomethyl et (108-65-6)		
LC50 Inhalation RAT	= 16000 mg/m3	AU_WES
LD50 Ingestion RAT	= 8532 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 5 g/kg	NLM_CIP
Toluene (108-88-3)		
LD50 Dermal RABBIT	= 12000 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	= 12.5 mg/L	JAPAN_GHS
LD50 Ingestion RAT	= 5000 mg/kg	NLM_HSDB
n-Propyl acetate (109-60-4)		
LD50 Ingestion RAT	= 8700 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	= 32 mg/L	ECHA_API
LD50 Dermal RABBIT	> 17756 mg/kg	OECD_SIDS
Isobutyl acetate (110-19-0)		
LD50 Dermal RABBIT	> 17400 mg/kg	NLM_CIP
LD50 Ingestion RAT	= 15400 mg/kg	JAPAN_GHS
Silica, amorphous, fumed, crys (112945-52-5)		
LD50 Ingestion RAT	= 3160 mg/kg	NLM_CIP
2-Phenoxyethanol (122-99-6)		
LD50 Ingestion RAT	= 1850 mg/kg	EU_CLH
LD50 Dermal RABBIT	= 5 mL/kg	NLM_CIP
LC50 Inhalation RAT	> 0.057 mg/L no deaths occurred	EU_CLH
n-Butyl acetate (123-86-4)		
LC50 Inhalation RAT	= 0.74 mg/L	ECHA
LD50 Dermal RABBIT	> 17600 mg/kg	NLM_CIP
LD50 Ingestion RAT	= 10768 mg/kg	NLM_CIP
Phenol, 2,6-bis(1,1-dimethylet (128-37-0)		
LD50 Ingestion RAT	> 2930 mg/kg test substance adminis	EPA_HPV
LD50 Dermal RAT	> 2000 mg/kg no deaths occurred	JAPAN_GHS
Xylenes (o-, m-, p- isomers) (1330-20-7)		
LD50 Dermal RABBIT	> 4350 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	= 29.08 mg/L	JAPAN_GHS

LD50 Ingestion RAT	= 3500 mg/kg	JAPAN_GHS
Formaldehyde (50-00-0)		
LD50 Ingestion RAT	= 100 mg/kg	NLM_CIP
LC50 Inhalation RAT	= 578 mg/m3	AICIS
LD50 Dermal RAT	> 2000 mg/kg	ECHA_API
2-Propenoic acid, 2-cyano-3,3- (5232-99-5)		
LD50 Dermal RAT	> 2000 mg/kg	ECHA_API
Ethyl alcohol (64-17-5)		
LC50 Inhalation RAT	= 116.9 mg/L males	ECHA_API
LD50 Ingestion RAT	= 7060 mg/kg	NLM_CIP
Solvent naphtha, petroleum, li (64742-95-6)		
LD50 Ingestion RAT	= 8400 mg/kg	NLM_CIP
LC50 Inhalation RAT	= 3400 ppm	IUCLID
LD50 Dermal RABBIT	> 2000 mg/kg	IUCLID
Isopropyl alcohol (67-63-0)		
LD50 Dermal RABBIT	= 4059 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	> 10000 ppm no deaths occurred	ECHA_API
LD50 Ingestion RAT	4710 - 5840 mg/kg	OECD_SIDS
Acetone (67-64-1)		
LC50 Inhalation RAT	= 50100 mg/m3	OECD_SIDS
LD50 Ingestion RAT	= 5800 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 15700 mg/kg	OECD_SIDS
Urea, polymer with formaldehyd (68002-18-6)		
LD50 Ingestion RAT	> 5 g/kg	NLM_CIP
1-Butanol (71-36-3)		
LD50 Ingestion RAT	= 700 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	> 17.76 mg/L no deaths occurred	ECHA
LD50 Dermal RABBIT	= 3402 mg/kg	JAPAN_GHS
Benzene (71-43-2)		
LD50 Dermal RABBIT	> 8200 mg/kg	JAPAN_GHS
LD50 Ingestion RAT	= 810 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	= 44.66 mg/L	JAPAN_GHS
Water (7732-18-5)		
LD50 Ingestion RAT	> 90 mL/kg	FOOD_JOURN
Isobutyl alcohol (78-83-1)		
LD50 Ingestion RAT	= 2460 mg/kg	NLM_CIP
LD50 Dermal RABBIT	= 3400 mg/kg	NLM_CIP
LC50 Inhalation RAT	> 18.18 mg/L death occurred (1 out o	ECHA

Benzene, 1,2,4-trimethyl- (95-63-6)		
LC50 Inhalation RAT	= 18 g/m3	NLM_CIP
LD50 Dermal RAT	> 3440 mg/kg no deaths occurred	ECHA
LD50 Ingestion RAT	= 3280 mg/kg	NZ_CCID

Isobutyl isobutyrate (97-85-8)		
LD50 Ingestion RAT	= 12800 mg/kg	NLM_CIP
LC50 Inhalation RAT	= 5000 ppm	NLM_CIP

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory sensitization

Skin sensitization

Carcinogenicity

The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

Germ cell mutagenicity

Reproductive toxicity

Specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure

Aspiration hazard

SECTION 12: Ecological information

12.1 Toxicity

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

Ethylbenzene (100-41-4)		
EC50	1.8 - 2.4 m (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Bis(2-ethylhexyl) adipate (103-23-1)		
EC50	> 1.6 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Propylene glycol monomethyl et (108-65-6)		
EC50	> 500 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Toluene (108-88-3)		
EC50	5.46 - 9.83 (48 h;DAPHNIAMAGNA;(daphnia magna))	EPA
2-Phenoxyethanol (122-99-6)		
EC50	> 500 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Formaldehyde (50-00-0)		
EC50	11.3 - 18 m (48 h;DAPHNIAMAGNA;(daphnia magna))	EPA
LC50	= 2 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Ethyl alcohol (64-17-5)		
LC50	9268 - 1422 (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
EC50	= 2 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	EPA
Solvent naphtha, petroleum, li (64742-95-6)		
EC50	= 6.14 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Isopropyl alcohol (67-63-0)		
EC50	= 13299 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Acetone (67-64-1)		
EC50	10294 - 177 (48 h;DAPHNIAMAGNA;(daphnia magna))	EPA
1-Butanol (71-36-3)		
EC50	= 1983 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Benzene (71-43-2)		
EC50	8.76 - 15.6 (48 h;DAPHNIAMAGNA;(daphnia magna))	EPA
Isobutyl alcohol (78-83-1)		
EC50	= 1300 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Benzene, 1,2,4-trimethyl- (95-63-6)		
EC50	= 6.14 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

12.7 Additional Information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

Methods of disposal

Contaminated packaging

SECTION 14: Transport Information

14.1 UN number	UN1263
14.2 UN proper shipping name	UN1263, PAINT, 3, PG II
14.3 Transport hazard class(es)	3
14.4 Packing group	II

14.5 Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

3

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

50-00-0 (Formaldehyde)

SARA313

100-41-4 (Ethylbenzene)
108-88-3 (Toluene)
1330-20-7 (Xylenes (o-, m-, p- isomers))
50-00-0 (Formaldehyde)
67-63-0 (Isopropyl alcohol)
71-36-3 (1-Butanol)
71-43-2 (Benzene)
95-63-6 (Benzene, 1,2,4-trimethyl-)

Inventory - United States - Section 8(b) Inventory (TSCA)

100-41-4 (Ethylbenzene)
103-23-1 (Bis(2-ethylhexyl) adipate)
108-65-6 (Propylene glycol monomethyl et)
108-88-3 (Toluene)
109-60-4 (n-Propyl acetate)
110-19-0 (Isobutyl acetate)
122-99-6 (2-Phenoxyethanol)
123-86-4 (n-Butyl acetate)
128-37-0 (Phenol, 2,6-bis(1,1-dimethylet)
1330-20-7 (Xylenes (o-, m-, p- isomers))
50-00-0 (Formaldehyde)
5232-99-5 (2-Propenoic acid, 2-cyano-3,3-)
64-17-5 (Ethyl alcohol)
64742-95-6 (Solvent naphtha, petroleum, li)
66070-87-9 (Polyglyceryl phthalate ester o)
67-63-0 (Isopropyl alcohol)
67-64-1 (Acetone)
68002-18-6 (Urea, polymer with formaldehyd)
71-36-3 (1-Butanol)
71-43-2 (Benzene)

7732-18-5 (Water)
78-83-1 (Isobutyl alcohol)
9004-70-0 (Nitrocellulose)
95-63-6 (Benzene, 1,2,4-trimethyl-)
97-85-8 (Isobutyl isobutyrate)

CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

100-41-4 (Ethylbenzene)
108-88-3 (Toluene)
1330-20-7 (Xylenes (o-, m-, p- isomers))
50-00-0 (Formaldehyde)
71-43-2 (Benzene)

VHAPS

100-41-4 (Ethylbenzene)
108-88-3 (Toluene)
1330-20-7 (Xylenes (o-, m-, p- isomers))
50-00-0 (Formaldehyde)
71-43-2 (Benzene)

VOC

100-41-4 (Ethylbenzene)
108-65-6 (Propylene glycol monomethyl et)
108-88-3 (Toluene)
109-60-4 (n-Propyl acetate)
110-19-0 (Isobutyl acetate)
122-99-6 (2-Phenoxyethanol)
123-86-4 (n-Butyl acetate)
1330-20-7 (Xylenes (o-, m-, p- isomers))
50-00-0 (Formaldehyde)
64-17-5 (Ethyl alcohol)
67-63-0 (Isopropyl alcohol)
71-36-3 (1-Butanol)
71-43-2 (Benzene)
78-83-1 (Isobutyl alcohol)
95-63-6 (Benzene, 1,2,4-trimethyl-)
97-85-8 (Isobutyl isobutyrate)

US - California - Proposition 65 - Carcinogens List

100-41-4 (Ethylbenzene)
50-00-0 (Formaldehyde)
71-43-2 (Benzene)

US - California - Proposition 65 - Development Toxicity

108-88-3 (Toluene)
71-43-2 (Benzene)

US - California - Proposition 65 - Reproductive Toxicity - Male

71-43-2 (Benzene)

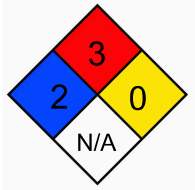
Canada - Domestic Substance List (DSL)

100-41-4 (Ethylbenzene)
103-23-1 (Bis(2-ethylhexyl) adipate)
108-65-6 (Propylene glycol monomethyl et)
108-88-3 (Toluene)
109-60-4 (n-Propyl acetate)
110-19-0 (Isobutyl acetate)
112945-52-5 (Silica, amorphous, fumed, crys)
122-99-6 (2-Phenoxyethanol)
123-86-4 (n-Butyl acetate)
12788-93-1 (Phosphoric acid, butyl ester)
128-37-0 (Phenol, 2,6-bis(1,1-dimethylet)
1330-20-7 (Xylenes (o-, m-, p- isomers))
50-00-0 (Formaldehyde)

5232-99-5 (2-Propenoic acid, 2-cyano-3,3-)
64-17-5 (Ethyl alcohol)
64742-95-6 (Solvent naphtha, petroleum, li)
66070-87-9 (Polyglyceryl phthalate ester o)
67-63-0 (Isopropyl alcohol)
67-64-1 (Acetone)
68002-18-6 (Urea, polymer with formaldehyd)
71-36-3 (1-Butanol)
71-43-2 (Benzene)
7732-18-5 (Water)
78-83-1 (Isobutyl alcohol)
9004-70-0 (Nitrocellulose)
95-63-6 (Benzene, 1,2,4-trimethyl-)
97-85-8 (Isobutyl isobutyrate)

15.2 Chemical Safety Assessment

HEALTH	2	2 - Hazardous
FLAMMABILITY	3	3 - Below 100°F
PHYSICAL HAZARD	0	0-Stable, even under fire conditions and will not re-act with water, etc.
PERSONAL PROTECTION	X	X- Ask Supervisor or Safety Specialist for Handling Instructions



SECTION 16: Other information

N/A

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