

# UV Primer

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022  
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### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : UV Primer  
Product code : 3680024 / REZ1516  
Vaporizer : Aerosol

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Automotive refinsh,

#### 1.4. Supplier's details

##### Manufacturer

Peter Kwasny GmbH  
96 Heibronner Str.  
Gundelsheim, 74831  
Germany  
T 49(0) 6269-95-20

##### Distributor

Peter Kwasny, Inc.  
12222 Merit Drive, #130  
Dallas, TX 75251  
USA  
T 1-844-426-6330

##### Distributor

Peter Kwasny Spraypaint Canada Inc  
40 University Avenue, Suite 904  
Toronto, ON, M5J 1T1  
Canada  
T +1 844-426-6330

#### 1.5. Emergency phone number

Emergency number : North America  
INFOTRAC International +1 (352) 323-5000 24 hr

### SECTION 2 Hazard identification

#### 2.1. Classification of the substance or mixture

##### GHS classification

Aerosol, Category 1  
Eye irritation, Category 2A  
Skin sensitization, Category 1  
Carcinogenicity, Category 2  
Reproductive toxicity, Category 2  
Specific target organ toxicity – Single exposure, Category 3, Narcosis  
Simple asphyxiant, Category 1

#### 2.2. Label elements

##### GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) : Danger

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Hazard statements (GHS)	: Extremely flammable aerosol Pressurized container; may burst if heated May cause an allergic skin reaction Causes serious eye irritation May cause drowsiness or dizziness Suspected of causing cancer. Suspected of damaging the unborn child. May displace oxygen and cause rapid suffocation
Precautionary statements (GHS)	: If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust, fume, gas, mist, vapours, spray. Wash hands, forearms and face thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves, protective clothing, eye and face protection. If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice or attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or a doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C). Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

Not applicable

### 2.5. Unknown acute toxicity

Not applicable

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Dimethyl ether	Dimethyl ether Methane, oxybis- / Methyl ether / Wood ether / Methoxymethane / Methane, 1,1'-oxybis- / DIMETHYL ETHER / Oxybismethane / Dimethyl oxide / Dimethylether	CAS-No.: 115-10-6	30 - 60
Acetone	Acetone Dimethyl ketone / 2-Propanone / ACETONE / Propan-2-one / Propanone	CAS-No.: 67-64-1	10 - 30
Tripropylene glycol diacrylate	Tripropylene glycol diacrylate Acrylic acid, propylenebis(oxypropylene) ester / (1-Methyl-1,2- ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate / 2- Propenoic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1- ethanediyl)] ester / 2-Propenoic acid, 1,1'-[[1-methyl-1,2- ethanediyl)bis[oxy(methyl-2,1-ethanediyl)]] ester / Acrylic acid, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] ester / Tri(propylene glycol) diacrylate / 2-{2-[2- (Acryloyloxy)(methyl)ethoxy](methyl)ethoxy}(methyl)ethyl acrylate / TRIPROPYLENE GLYCOL DIACRYLATE / Diester of acrylic acid with tripropyleneglycol / tripropylene glycol diacrylate	CAS-No.: 42978-66-5	1 - 5
Methyl ethyl ketone	Methyl ethyl ketone Butan-2-one / 2-Butanone / Ethyl methyl ketone / Methyl acetone / MEK / Butanone	CAS-No.: 78-93-3	1 - 5
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-propenoate	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-propenoate 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid / 4,4'-(1- Methylethylidene)bisphenol, chloromethyloxirane polymer, acrylic acid adduct / Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane, 2-propenoate / Bisphenol A epichlorohydrin polymer acrylate / Reaction product of (4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane) and 2-propenoic acid / 4,4'-(1-Methylethylidene)bisphenol polymer with (chloromethyl)oxirane, 2-propenoate / Ester of acrylic acid and polymer of 2-(chloromethyl)oxirane/4,4'-isopropylidenediphenol / ISOPROPYLIDENEDIPHENYL BIS(OXYHYDROXY)PROPYL ACRYLATE / 2,2-Bis(4-hydroxyphenyl)propane, oligomeric reaction product with epichlorohydrin and acrylic acid	CAS-No.: 55818-57-0	1 - 5
n-Butyl acetate	n-Butyl acetate 1-Butyl acetate / Butyl acetate, n- / Butyl acetate / BUTYL ACETATE / Acetic acid, n-butyl ester / Acetic acid, butyl ester / Butyl ethanoate / N-butyl acetate	CAS-No.: 123-86-4	1 - 5

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Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Xylenes (o-, m-, p- isomers)	Xylenes (o-, m-, p- isomers) Benzene, dimethyl- / Dimethylbenzene (mixed isomers) / Xylene / Xylene (all isomers) / Xylene (mixed isomers) / Xylene (o-, m-, p- isomers) / Xylenes / Xylenes (mixed isomers) / Dimethylbenzene / Xylol / Benzene, dimethyl-, mixed isomers / XYLENE / Dimethylbenzenes / Xylene isomers mixture / Dimethylbenzene (2-, 3-, 4-isomers) / Dimethylbenzene (mixed 2-, 3-, 4-isomers) / C8 Disubstituted benzenes / Xylene, mixed isomers / Xylenes (meta-, ortho-, para-) / Xylene (mixture), including m-xylene, o-xylene, p-xylene / Xylene (o-,m-,p-isomer mixture)	CAS-No.: 1330-20-7	0.5 - 1.5
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)-	Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide / CGI 819 / Methanone, 1,1'-(phenylphosphinylidene)bis[1-(2,4,6-trimethylphenyl)- / Bis(2,4,6-trimethylbenzoyl)phenylphosphine oxide / BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE / Bis-trimethylbenzoyl phenylphosphine oxide / Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	CAS-No.: 162881-26-7	0.5 - 1.5
Ethylbenzene	Ethylbenzene Benzene, ethyl- / Phenylethane / ETHYLBENZENE	CAS-No.: 100-41-4	0.1 - 1

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4 First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Not expected to be a primary route of exposure. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May cause drowsiness or dizziness. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of causing cancer. Suspected of damaging the unborn child.

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### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry powder. Carbon dioxide. Foam. Water spray.  
Unsuitable extinguishing media : Do not use water jet.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. Oxides of phosphorus. Halogenated compounds. Metal oxides. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.  
Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Ruptured cylinders may rocket.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. DO NOT fight fire when fire reaches explosives. Move containers away from the fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.  
Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Eliminate every possible source of ignition. Use only non-sparking tools. Use special care to avoid static electric charges. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### For non-emergency personnel

No additional information available

#### For emergency responders

Environmental precautions : Prevent entry to sewers and public waters.

### 6.2. Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Eliminate every possible source of ignition. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.  
Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

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### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate PPE (see Section 8).
Hygiene measures	: Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.
Additional hazards when processed	: Hazardous waste due to potential risk of explosion.

#### 7.2. Conditions for safe storage, including incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Keep out of the reach of children. Keep container tightly closed. Keep in fireproof place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Protect from sunlight. Protect containers from physical damage. Store in a dry, cool and well-ventilated place. Store locked up.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.
Specific end uses	: Automotive refinish.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

<b>Dimethyl ether (115-10-6)</b>	
<b>USA - AIHA - Occupational Exposure Limits</b>	
WEEL TWA	1000 ppm
<b>Acetone (67-64-1)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH® TLV® TWA	250 ppm
ACGIH® TLV® STEL	500 ppm
ACGIH® chemical category	Not Classifiable as a Human Carcinogen
<b>USA - ACGIH - Biological Exposure Indices</b>	
BEI	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	2400 mg/m <sup>3</sup>
OSHA PEL TWA	1000 ppm
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	2500 ppm (10% LEL)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	590 mg/m <sup>3</sup>
NIOSH REL TWA	250 ppm

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<b>Methyl ethyl ketone (78-93-3)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	300 ppm
<b>USA - ACGIH - Biological Exposure Indices</b>	
BEI	2 mg/l Parameter: MEK - Medium: urine - Sampling time: end of shift (nonspecific)
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	590 mg/m³
OSHA PEL TWA	200 ppm
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	3000 ppm
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	590 mg/m³
NIOSH REL TWA	200 ppm
NIOSH REL STEL	885 mg/m³
NIOSH REL STEL	300 ppm
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH® chemical category	Not Classifiable as a Human Carcinogen
<b>USA - ACGIH - Biological Exposure Indices</b>	
BEI	1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: end of shift (technical or commercial grade)
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Xylenes (o-, m-, p-isomers)
OSHA PEL TWA	435 mg/m³
OSHA PEL TWA	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>Ethylbenzene (100-41-4)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Ethyl benzene
ACGIH® TLV® TWA	20 ppm
Remark (ACGIH®)	TLV® Basis: URT & Eye irr; Kidney eff; Ototoxicity; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
ACGIH® chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2025
<b>USA - ACGIH - Biological Exposure Indices</b>	
Local name	Ethyl benzene
BEI	0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific)

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<b>Ethylbenzene (100-41-4)</b>	
Regulatory reference	ACGIH 2025
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Ethyl benzene
OSHA PEL TWA	435 mg/m <sup>3</sup>
OSHA PEL TWA	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	800 ppm (10% LEL)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
Local name	Ethyl benzene
NIOSH REL TWA	435 mg/m <sup>3</sup>
NIOSH REL TWA	100 ppm
NIOSH REL 10h TWA	100 ppm
NIOSH REL STEL	545 mg/m <sup>3</sup>
NIOSH REL STEL	125 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
<b>n-Butyl acetate (123-86-4)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	n-Butyl acetate
ACGIH® TLV® TWA	50 ppm (Butyl acetates, all isomers)
ACGIH® TLV® STEL	150 ppm (Butyl acetates, all isomers)
Remark (ACGIH®)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2020
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	n-Butyl-acetate
OSHA PEL TWA	710 mg/m <sup>3</sup>
OSHA PEL TWA	150 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	1700 ppm (10% LEL)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	710 mg/m <sup>3</sup>
NIOSH REL TWA	150 ppm
NIOSH REL STEL	950 mg/m <sup>3</sup>
NIOSH REL STEL	200 ppm

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### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers. Oxygen detectors should be used when asphyxiating gases may be released.
Environmental exposure controls	: Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

<b>Hand protection:</b>
Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.
<b>Eye protection:</b>
Wear eye/face protection
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Grey
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 56 – 391 °C (132.8 - 735.8°F)
Flash point	: < -18 °F (< -0.4°F)
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapour pressure	: 4.6 kPa (34.7 mm Hg)
Relative vapour density at 20°C/ 68 °F	: No data available
Relative density	: 0.94
Density	: 1.162 g/cm <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: 131 °C (267.8°F)
Decomposition temperature	: No data available
Viscosity, kinematic	: 18 mm <sup>2</sup> /s (20°C/68°F)
Explosive limits	: Lower explosion limit: 1 vol % Upper explosion limit: 12.8 vol %
Particle characteristics	: No data available

<b>Dimethyl ether</b>	
Boiling point	-24.9 °C
Flash point	-40.56 °C (closed cup)

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Dimethyl ether	
Auto-ignition temperature	240 °C
Vapour pressure	5.12 hPa (at 20 °C)
Particle characteristics	No data available

Acetone	
Boiling point	56.05 °C
Flash point	-17 °C
Auto-ignition temperature	465 °C
Vapour pressure	233 hPa (at 20 °C)
Particle characteristics	No data available

Tripropylene glycol diacrylate	
Boiling point	> 120 °C Atm. press.: 1013,25 hPa
Flash point	153 °C (closed cup)
Vapour pressure	< 0.01 hPa (at 20 °C)
Particle characteristics	No data available

Methyl ethyl ketone	
Boiling point	79.6 °C
Flash point	-9 °C
Auto-ignition temperature	404 °C
Vapour pressure	101 hPa (at 20 °C)
Particle characteristics	No data available

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-propenoate	
Vapour pressure	0 Pa (at 63.8 °C)
Particle characteristics	No data available

Xylenes (o-, m-, p- isomers)	
Boiling point	138.3 – 141.4 °C
Auto-ignition temperature	465 – 525 °C
Vapour pressure	8.8 – 11.9 hPa (at 25 °C)
Particle characteristics	No data available

Ethylbenzene	
Boiling point	136.1 °C (at 1013.3 hPa)
Flash point	12.8 °C (closed cup)
Auto-ignition temperature	432 °C (at 1013 hPa)

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Ethylbenzene	
Vapour pressure	9.5 hPa (at 20 °C)
Particle characteristics	No data available

Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)-	
Boiling point	> 168 °C Atm. press.: 101,3 kPa
Particle characteristics	No data available

n-Butyl acetate	
Boiling point	125 – 126 °C (at 1 atm)
Flash point	22 °C
Auto-ignition temperature	425 °C
Vapour pressure	13 hPa (at 20 °C)
Particle characteristics	No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

Flow time (ISO 2431) : 20 s (room temperature) [Jet diameter: 4 mm]  
Gas group : Press. Gas (Liq.)

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Extreme risk of explosion by shock, friction, fire or other sources of ignition. Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Sparks. Open flame. Direct sunlight. Overheating. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizers.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Oxides of phosphorus. Halogenated compounds. Metal oxides.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.  
Acute toxicity (dermal) : Not classified.

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Acute toxicity (inhalation) : Not classified.

<b>Dimethyl ether (115-10-6)</b>	
LC50 inhalation rat	164000 ppm/4h
<b>Acetone (67-64-1)</b>	
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female
LD50 dermal rabbit	> 15700 mg/kg (Source: OECD_SIDS)
LC50 inhalation rat	50100 mg/m <sup>3</sup> (Exposure time: 8 h Source: OECD_SIDS)
<b>Tripropylene glycol diacrylate (42978-66-5)</b>	
LD50 oral rat	6200 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 2 g/kg (Source: NLM_CIP)
<b>Methyl ethyl ketone (78-93-3)</b>	
LD50 oral rat	2483 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	5000 mg/kg (Source: JAPAN_GHS)
LC50 inhalation rat	11700 ppm/4h
LC50 Inhalation - Rat (Vapours)	34.5 mg/l/4h
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
LD50 oral rat	3500 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	> 4350 mg/kg (Source: JAPAN_GHS)
LD50 dermal	1700 mg/kg
LC50 inhalation rat	29.08 mg/l/4h
LC50 Inhalation - Rat (Vapours)	27.57 mg/l/4h
<b>Ethylbenzene (100-41-4)</b>	
LD50 oral rat	3500 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	15400 mg/kg (Source: JAPAN_GHS)
LC50 inhalation rat	17.4 mg/l/4h
<b>Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)</b>	
LD50 oral rat	> 2000 mg/kg (Source: NICNAS)
LD50 dermal rat	> 2000 mg/kg (Source: NICNAS)
<b>n-Butyl acetate (123-86-4)</b>	
LD50 oral rat	10768 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 17600 mg/kg (Source: NLM_CIP)
LC50 inhalation rat	0.74 mg/l/4h
LC50 Inhalation - Rat (Vapours)	1.86 mg/l/4h

Skin corrosion/irritation : Not classified.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified.

# UV Primer

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Carcinogenicity : Suspected of causing cancer.

<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
IARC group	3 - Not classifiable
<b>Ethylbenzene (100-41-4)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Suspected of damaging the unborn child..

<b>Acetone (67-64-1)</b>	
LOAEL (animal/female, F0/P)	11298 mg/kg bodyweight Animal: mouse, Animal sex: female
NOAEL (animal/male, F0/P)	900 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Generation not specified (migrated information)

STOT-single exposure : May cause drowsiness or dizziness.

<b>Acetone (67-64-1)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Tripolyene glycol diacrylate (42978-66-5)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>Methyl ethyl ketone (78-93-3)</b>	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>n-Butyl acetate (123-86-4)</b>	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified.

<b>Tripolyene glycol diacrylate (42978-66-5)</b>	
LOAEL (dermal, rat/rabbit, 90 days)	20 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study), Guideline: other:

<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)

<b>Ethylbenzene (100-41-4)</b>	
NOAEL (oral, rat, 90 days)	75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
STOT-repeated exposure	May cause damage to organs (hearing organs) through prolonged or repeated exposure.

<b>Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)</b>	
NOAEL (oral, rat, 90 days)	> 1000 mg/kg bodyweight Animal: rat, Guideline: other:92/69/eec

Aspiration hazard : Not classified.

# UV Primer

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UV Primer Surfacer	
Vaporizer	Aerosol
Viscosity, kinematic	18 mm <sup>2</sup> /s (20°C/68°F)
Dimethyl ether (115-10-6)	
Viscosity, kinematic	No data available
Acetone (67-64-1)	
Viscosity, kinematic	No data available
Tripropylene glycol diacrylate (42978-66-5)	
Viscosity, kinematic	No data available
Methyl ethyl ketone (78-93-3)	
Viscosity, kinematic	No data available
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-propenoate (55818-57-0)	
Viscosity, kinematic	No data available
Xylenes (o-, m-, p- isomers) (1330-20-7)	
Viscosity, kinematic	No data available
Ethylbenzene (100-41-4)	
Viscosity, kinematic	0.6 mm <sup>2</sup> /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)' Remarks on result: 'other:'
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)	
Viscosity, kinematic	No data available
n-Butyl acetate (123-86-4)	
Viscosity, kinematic	No data available
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May cause drowsiness or dizziness. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of causing cancer. Suspected of damaging the unborn child.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

# UV Primer

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

### SECTION 12 Ecological information

#### 12.1. Ecotoxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

<b>Dimethyl ether (115-10-6)</b>	
LC50 - Fish [1]	> 4.1 g/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static] Source: ECHA)
EC50 - Crustacea [1]	> 4.4 g/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	154.917 mg/l Test organisms (species): other:green algae
<b>Acetone (67-64-1)</b>	
LC50 - Fish [1]	4.74 – 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
EC50 - Crustacea [1]	10294 – 17704 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 - Fish [2]	6210 – 8120 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 - Crustacea [2]	12600 – 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>Trippropylene glycol diacrylate (42978-66-5)</b>	
EC50 - Crustacea [1]	88.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 28 mg/l (Species: Desmodesmus subspicatus)
<b>Methyl ethyl ketone (78-93-3)</b>	
LC50 - Fish [1]	3130 – 3320 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
EC50 - Crustacea [1]	> 520 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	1972 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	2029 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC chronic algae	93 mg/l
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
LC50 - Fish [1]	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
EC50 - Crustacea [1]	3.82 mg/l (Exposure time: 48 h - Species: water flea)
LC50 - Fish [2]	2.661 – 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
EC50 - Crustacea [2]	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'

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<b>Ethylbenzene (100-41-4)</b>	
LC50 - Fish [1]	11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
EC50 - Crustacea [1]	1.8 – 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: EPA)
EC50 72h - Algae [1]	4.6 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 72h - Algae [2]	2.6 – 11.3 mg/l (Species: Pseudokirchneriella subcapitata [static])
EC50 96h - Algae [1]	> 438 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 96h - Algae [2]	1.7 – 7.6 mg/l (Species: Pseudokirchneriella subcapitata [static])
LOEC (chronic)	1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC (chronic)	0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC chronic crustacea	0.956 mg/l
<b>Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)</b>	
LC50 - Fish [1]	> 90 µg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
EC50 - Crustacea [1]	> 1.175 mg/l Test organisms (species): other aquatic crustacea:Daphnia Magna
EC50 72h - Algae [1]	> 0.26 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>n-Butyl acetate (123-86-4)</b>	
LC50 - Fish [1]	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
LC50 - Fish [2]	17 – 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
EC50 72h - Algae [1]	674.7 mg/l (Species: Desmodesmus subspicatus)
<b>12.2. Persistence and degradability</b>	
<b>UV Primer Surfacer</b>	
Persistence and degradability	Not established.
<b>Dimethyl ether (115-10-6)</b>	
Persistence and degradability	Rapidly degradable
<b>Acetone (67-64-1)</b>	
Persistence and degradability	Not rapidly degradable
<b>Tripolyene glycol diacrylate (42978-66-5)</b>	
Persistence and degradability	Rapidly degradable
<b>Methyl ethyl ketone (78-93-3)</b>	
Persistence and degradability	Rapidly degradable
<b>Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-propenoate (55818-57-0)</b>	
Persistence and degradability	Rapidly degradable
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
Persistence and degradability	Rapidly degradable

# UV Primer

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<b>Ethylbenzene (100-41-4)</b>	
Persistence and degradability	Rapidly degradable
<b>Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)</b>	
Persistence and degradability	Rapidly degradable
<b>n-Butyl acetate (123-86-4)</b>	
Persistence and degradability	Rapidly degradable
<b>12.3. Bioaccumulative potential</b>	
<b>UV Primer Surfacer</b>	
Bioaccumulative potential	Not established.
<b>Dimethyl ether (115-10-6)</b>	
Partition coefficient n-octanol/water	-0.18
<b>Acetone (67-64-1)</b>	
BCF - Fish [1]	(0.69 dimensionless)
Partition coefficient n-octanol/water	-0.24
<b>Trippropylene glycol diacrylate (42978-66-5)</b>	
BCF - Fish [1]	(no significant bioaccumulation expected)
Partition coefficient n-octanol/water	2 (at 25 °C)
<b>Methyl ethyl ketone (78-93-3)</b>	
Partition coefficient n-octanol/water	0.3 (at 40 °C (at pH 7)
<b>Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-propenoate (55818-57-0)</b>	
Partition coefficient n-octanol/water	1.6 – 3.8 (at 23 °C (at pH 6.4)
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
BCF - Fish [1]	0.6 – 15
Partition coefficient n-octanol/water	2.77 – 3.15
<b>Ethylbenzene (100-41-4)</b>	
BCF - Fish [1]	(15 dimensionless)
Partition coefficient n-octanol/water	3.6 (at 20 °C (at pH 7.84)
<b>Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)</b>	
Partition coefficient n-octanol/water	5.8 (at 22 °C (at pH 8.3)
<b>n-Butyl acetate (123-86-4)</b>	
Partition coefficient n-octanol/water	1.81 (at 23 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified.  
Fluorinated greenhouse gases : No

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Other information : No other effects known.

### SECTION 13 Disposal considerations

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Container under pressure. Do not drill or burn even after use.

Additional information : Flammable vapours may accumulate in the container. Hazardous waste due to potential risk of explosion.

### SECTION 14 Transport information

In accordance with DOT / TDG

#### 14.1. UN Number

UN-No. (DOT) : UN1950  
UN-No. (TDG) : UN1950

#### 14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Aerosols  
Proper Shipping Name (TDG) : AEROSOLS

#### 14.3. Transport hazard class(es)

##### DOT

Transport hazard class(es) (DOT) : 2.1  
Hazard labels (DOT) : 2.1



##### TDG

Transport hazard class(es) (TDG) : 2.1  
Hazard labels (TDG) : 2.1



#### 14.4. Packing group

Packing group (DOT) : Not applicable  
Packing group (TDG) : Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Transport in bulk

Not applicable

#### 14.7. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

### DOT

UN-No. (DOT)	: UN1950
DOT Special Provisions (49 CFR 172.102)	: N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	: 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

### TDG

UN-No. (TDG)	: UN1950
TDG Special Provisions	: 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray.
Explosive Limit and Limited Quantity Index	: 1 L
Excepted quantities (TDG)	: E0
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 75 L
Emergency Response Guide (ERG) Number	: 126

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories

### 15.2. International regulations

No additional information available

### 15.3. State regulations



#### WARNING:

This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022	
Revision date	: 2025-10-31
Issue date	: 2024-08-08
Other information	: None.

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<b>Indication of changes:</b>
SDS update.

SDS HazCom 2024 - WHMIS 2022 (Nexreg) 2025

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