

# 1K 3 in 1 Primer Shade White, Gray, Black

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022  
Issue date: 2018-03-15 Revision date: 2025-09-26 Supersedes: 2022-03-22 Version: 3.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : 1K 3 in1 Primer Shade White, Gray, Black  
Product code : 3680403, 3680404, 3680405 // REZ1052  
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 refinish

#### 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  
Skin corrosion/irritation, Category 2  
Serious eye damage/eye irritation, Category 2A  
Skin sensitization, Category 1  
Carcinogenicity, Category 2  
Reproductive toxicity, Category 2  
Specific target organ toxicity – Single exposure, Category 3, Narcosis  
Specific target organ toxicity, Repeated exposure, Category 2  
Simple asphyxiant, Category 1

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### 2.2. Label elements

#### GHS labelling

Hazard pictograms (GHS)



Signal word (GHS)

: Danger

Hazard statements (GHS)

: Extremely flammable aerosol  
Pressurized container; may burst if heated  
Causes skin irritation  
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 cause damage to organs through prolonged or repeated exposure  
May displace oxygen and cause rapid suffocation

Precautionary statements (GHS)

: 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.  
Do not breathe 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 protection, 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.  
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

No additional information available

### 2.5. Unknown acute toxicity

Not applicable

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### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 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
Talc	Talc Talc / Magnesium silicate / Talc (containing no asbestos fibers) / Talc (containing no asbestos) / Talc not containing asbestiform fibres / Talc, not containing asbestos / Talc, containing no asbestos fibres / Talc (nonasbestos form) / Talc (non- asbestos form) / Talc, non-fibrous type / Talc, non fibrous / Talc (containing no asbestos fibres) / Non-asbestiform talc / Talc (not containing asbestos) / C.I. 77718 / TALC / Trimagnesium tetrasilicon undecaoxide hydrate / Talc, non- asbestiform / Talc, non-fibrous / Pigment White 26 / Magnesium silicate, hydrous / Talc, not containing mineral fibers (including asbestos) / Asbestiform talc / Talc powder	CAS-No.: 14807-96-6	3 - 7
Isopropyl alcohol	Isopropyl alcohol 2-Hydroxypropane / 2-Propyl alcohol / 2-Propanol / Isopropanol / Propan-2-ol / ISOPROPYL ALCOHOL / Propanol, 2- / Isopropylic alcohol	CAS-No.: 67-63-0	3 - 7
Titanium Dioxide	Titanium Dioxide C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO2) / CI 77891 / Titanium(IV) oxide / C.I. Pigment White 7 / Pigment White 6 / Titanium oxide	CAS-No.: 13463-67-7	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	3 - 7
Ethyl acetate	Ethyl acetate Acetic acid, ethyl ester / Ethyl ethanoate / ETHYL ACETATE	CAS-No.: 141-78-6	1 - 5
Ethyl alcohol	Ethyl alcohol Methylcarbinol / Ethanol / ALCOHOL / Alcohol / Grain alcohol / Anhydrous ethanol / Alcohol (ethyl) / Alcohol anhydrous	CAS-No.: 64-17-5	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)
Bisphenol A-epichlorohydrin polymer	Bisphenol A-epichlorohydrin polymer 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane / 4,4'-(1-Methylethylidene)bisphenol polymer with (chloromethyl)oxirane / Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane / Epichlorohydrin-4,4'-isopropylidenediphenol resin / Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane / Epichlorohydrin-bisphenol A resin / 4,4'-Isopropylidenediphenol-epichlorohydrin polymer / Diphenylolpropane-epichlorohydrin resin / Polymer of 4,4'-isopropylidenediphenol and 1-chloro-2,3-epoxypropane / 2,2-Bis(4-hydroxyphenyl)propane-epichlorohydrin copolymer / Poly(bisphenol A/epichlorohydrin) / Bisphenol A-epichlorohydrin, reaction product / 4,4'-ISOPROPYLIDENEDIPHENOL/EPICHLOROXYDRIN COPOLYMER / UP 5-207 / Epoxy adhesive UP 5-207 / Poly[2-(chloromethyl)oxirane-alt-4,4'-(propane-2,2-diyl)diphenol] / (Chloromethyl)oxirane, 4,4'-(1-methylethylidene)bisphenol copolymer / Epichlorohydrin/bisphenol A copolymer / Polymer mainly composed of epichlorohydrin/bisphenol A / Reaction product: bisphenol A-epichlorohydrin / 4,4'-Isopropylidenediphenol/epichlorohydrin copolymer / Reaction product: bisphenol-A-(epichlorohydrin); epoxy resin	CAS-No.: 25068-38-6	0.5 - 1.5

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Propylene glycol monomethyl ether acetate	Propylene glycol monomethyl ether acetate 1-Methoxypropyl acetate / 2-Propanol, 1-methoxy-, 2-acetate / 2-Acetic acid methoxy-1-methylethyl ester / Methoxyisopropyl acetate / 1-Methoxy-2-propyl acetate / 1-Methoxypropylacetate / Propylene glycol methyl ether acetate / 2-Propanol, 1-methoxy-, acetate / 1-Methoxypropyl-2-acetate / 1-Methoxy-2-propanol acetate / 1-Methoxy-2-acetoxyp propane / 2-Methoxy-1-methylethyl acetate / Acetic acid, 2-methoxy-1-methylethyl ester / Acetate, 1-methoxy-2-propyl / METHOXYISOPROPYL ACETATE / Propylene glycol methyl ether acetate, .alpha.-isomer / Propylene glycol methyl ether acetate (all isomers) / PGMEA / 1-Methoxypropan-2-yl acetate / Acetic acid, 2-methoxyisopropyl ester / 1-Methoxypropan-2-ol acetate	CAS-No.: 108-65-6	1 – 5
Ethylbenzene	Ethylbenzene Benzene, ethyl- / Phenylethane / ETHYLBENZENE	CAS-No.: 100-41-4	0.5 - 1.5
Phosphoric acid	Phosphoric acid Phosphoric acid solution / PHOSPHORIC ACID / Phosphoric acid, solution / Phosphoric acid, liquid / Orthophosphoric acid / Hydrophosphoric acid / Orthophosphoric acid ... % / Phosphoric acid ... % / phosphoric acid / Phosphoric acid... % / Phosphoric acid ...% / ortho-Phosphoric acid / o-Phosphoric acid	CAS-No.: 7664-38-2	0.1 - 1

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Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine Fatty acids, C18-unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine / Fatty acids, (C18)-unsaturated, dimers reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine / Reaction product of dimerized fatty acid (unsaturated C18) with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	CAS-No.: 162627-17-0	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 after inhalation	: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Give oxygen or artificial respiration if necessary.
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. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. 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. None under normal use.
Chronic symptoms	: Suspected of causing cancer. Suspected of damaging the unborn child.

### 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).
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### SECTION 5: Fire-fighting measures

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

- Suitable extinguishing media : Water spray. Dry powder. Carbon dioxide (CO<sub>2</sub>).  
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. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Irritating vapours.  
Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Vapours may form explosive mixture with air. 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 : Use water spray to keep fire-exposed containers cool. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. 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 : Use only non-sparking tools. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use special care to avoid static electric charges. Isolate from fire, if possible, without unnecessary risk.

#### 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. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).  
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. Avoid contact with skin, eyes and clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Do not spray on an open flame or other ignition source.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse. Wash hands, forearms and face thoroughly after handling.
Additional hazards when processed	: Keep away from sources of ignition - No smoking. Do not pierce or burn, even after use. 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 in fireproof place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep away from incompatible materials. . Keep out of the reach of children. Keep container tightly closed. Store away from direct sunlight or other heat sources. Protect containers from physical damage. Store locked up. Store in a well-ventilated place.
Incompatible materials	: Heat sources.
Specific end uses	: Not available.

### 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	c
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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Propylene glycol monomethyl ether acetate (108-65-6)	
<b>USA - AIHA - Occupational Exposure Limits</b>	
WEEL TWA	50 ppm
<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
<b>Isopropyl alcohol (67-63-0)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	2-Propanol
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	400 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Regulatory reference	ACGIH 2023
<b>USA - ACGIH - Biological Exposure Indices</b>	
Local name	2-PROPANOL
BEI	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift at end of workweek (background, nonspecific)
Regulatory reference	ACGIH 2023
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Isopropyl alcohol

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Isopropyl alcohol (67-63-0)	
OSHA PEL TWA	980 mg/m <sup>3</sup>
OSHA PEL TWA	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	2000 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	980 mg/m <sup>3</sup>
NIOSH REL TWA	400 ppm
NIOSH REL STEL	1225 mg/m <sup>3</sup>
NIOSH REL STEL	500 ppm
Ethyl acetate (141-78-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethyl acetate
ACGIH® TLV® TWA	400 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr
Regulatory reference	ACGIH 2020
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl acetate
OSHA PEL TWA	1400 mg/m <sup>3</sup>
OSHA PEL TWA	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	2000 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	1400 mg/m <sup>3</sup>
NIOSH REL TWA	400 ppm
Ethylbenzene (100-41-4)	
USA - ACGIH - Occupational Exposure Limits	
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
USA - ACGIH - Biological Exposure Indices	
Local name	Ethyl benzene

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<b>Ethylbenzene (100-41-4)</b>	
BEI	0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific)
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>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/m <sup>3</sup>
OSHA PEL TWA	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>Titanium Dioxide (13463-67-7)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Titanium dioxide
ACGIH® TLV® TWA	0.2 mg/m <sup>3</sup> (nanoscale respirable particulate matter) 2.5 mg/m <sup>3</sup> (finescale respirable particulate matter)
Remark (ACGIH)	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2024

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Titanium Dioxide (13463-67-7)	
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Titanium dioxide (Total dust)
OSHA PEL TWA	15 mg/m <sup>3</sup> (total dust)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	5000 mg/m <sup>3</sup>
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	2.4 mg/m <sup>3</sup> (CIB 63-fine) 0.3 mg/m <sup>3</sup> (CIB 63-ultrafine, including engineered nanoscale)
Talc (14807-96-6)	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH® TLV® TWA	2 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no asbestos fibers
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Talc (not containing asbestos) (Silicates (less than 1% crystalline silica))
OSHA PEL TWA	20 mppcf (if 1% Quartz or more, use Quartz limit)
OSHA PEL TWA	20 mppcf
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	1000 mg/m <sup>3</sup> (containing no asbestos and <1% quartz)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	2 mg/m <sup>3</sup> (containing no Asbestos and <1% Quartz-respirable dust)
Ethyl alcohol (64-17-5)	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Ethanol
ACGIH® TLV® STEL	1000 ppm
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2024
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL TWA	1900 mg/m <sup>3</sup>
OSHA PEL TWA	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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Ethyl alcohol (64-17-5)	
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	3300 ppm (10% LEL)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	1900 mg/m <sup>3</sup>
NIOSH REL TWA	1000 ppm
<b>Phosphoric acid (7664-38-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH® TLV® TWA	1 mg/m <sup>3</sup>
ACGIH® TLV® STEL	3 mg/m <sup>3</sup>
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	1 mg/m <sup>3</sup>
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH	1000 mg/m <sup>3</sup>
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	1 mg/m <sup>3</sup>
NIOSH REL STEL	3 mg/m <sup>3</sup>

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.
- 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.

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Colour	: Black
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: < -18 °C (-0.4 °F)
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapour pressure	: No data available
Relative vapour density at 20°C/ 68 °F	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available
Particle characteristics	: No data available

Dimethyl ether	
Boiling point	-24.9 °C
Flash point	-40.56 °C (closed cup)
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

Propylene glycol monomethyl ether acetate	
Boiling point	145.8 °C Atm. press.: 760 mm Hg Decomposition: 'no'
Flash point	44.4 °C (open cup)
Auto-ignition temperature	315 °C
Vapour pressure	4.9 hPa (at 20 °C)
Particle characteristics	No data available

Bisphenol A-epichlorohydrin polymer	
Flash point	264 – 268 °C Atm. press.: 102,89 kPa
Vapour pressure	< 0.000000046 Pa Temp.: 25 °C
Particle characteristics	No data available

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<b>n-Butyl acetate</b>	
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

<b>Isopropyl alcohol</b>	
Boiling point	82.3 °C (at 1 atm)
Flash point	12 °C
Auto-ignition temperature	399 °C
Vapour pressure	42 hPa (at 20 °C)
Particle characteristics	No data available

<b>Ethyl acetate</b>	
Boiling point	77 °C (at 1 atm)
Flash point	-4 °C (closed cup)
Auto-ignition temperature	426.67 °C
Vapour pressure	91.84 hPa (at 18.7 °C)
Particle characteristics	No data available

<b>Ethylbenzene</b>	
Boiling point	136.1 °C (at 1013.3 hPa)
Flash point	12.8 °C (closed cup)
Auto-ignition temperature	432 °C (at 1013 hPa)
Vapour pressure	9.5 hPa (at 20 °C)
Particle characteristics	No data available

<b>Xylenes (o-, m-, p- isomers)</b>	
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

<b>Titanium Dioxide</b>	
Boiling point	2500 – 3000 °C
Particle characteristics	No data available

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Talc	
Vapour pressure	0 Pa Temp.: 25 °C Remarks on result: 'other:'
Particle characteristics	No data available

Ethyl alcohol	
Boiling point	(351.44 K - at 1013.25 hPa)
Auto-ignition temperature	363 °C
Vapour pressure	57.3 hPa (at 20 °C)
Particle characteristics	No data available

Phosphoric acid	
Boiling point	296.5 °C Atm. press.: 983 hPa
Vapour pressure	0.95 hPa (at 20 °C (70% aqueous solution))
Particle characteristics	No data available

Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	
Boiling point	245 °C
Vapour pressure	0.0006 Pa (at 25 °C)
Particle characteristics	No data available

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

Gas group	: Press. Gas (Liq.)
Flame Project length	: < 100 cm
Flashback	: Possible

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions. 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.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Oxidizing materials. Acids. Alkalis.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

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### SECTION 11 Toxicological information

#### 11.1. Information on toxicological effects

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

Dimethyl ether (115-10-6)	
LC50 inhalation rat	164000 ppm/4h

Acetone (67-64-1)	
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)

Propylene glycol monomethyl ether acetate (108-65-6)	
LD50 oral rat	8532 mg/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)

Bisphenol A-epichlorohydrin polymer (25068-38-6)	
LD50 oral rat	11400 mg/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LD50 dermal rabbit	20 ml/kg (Toxnet)

n-Butyl acetate (123-86-4)	
LD50 oral rat	10768 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 17600 mg/kg (Source: NLM_CIP)

Isopropyl alcohol (67-63-0)	
LD50 oral rat	5840 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	4059 mg/kg (Source: JAPAN_GHS)
LC50 inhalation rat	> 10000 ppm (Exposure time: 6 h Source: ECHA_API)

Ethyl acetate (141-78-6)	
LD50 oral rat	5620 mg/kg (Source: NLM_CIP)
LD50 oral	4934 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 18000 mg/kg (Source: JAPAN_GHS)
LC50 inhalation rat	4000 ppm/4h

Ethylbenzene (100-41-4)	
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

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<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>Titanium Dioxide (13463-67-7)</b>	
LD50 oral rat	> 10000 mg/kg (Source: IUCLID)
<b>Talc (14807-96-6)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 inhalation rat	> 2.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)
<b>Ethyl alcohol (64-17-5)</b>	
LD50 oral rat	7060 mg/kg (Source: NLM_CIP)
LD50 oral	8300 mg/kg bodyweight Animal: mouse, Remarks on results: other:
LC50 inhalation rat	133.8 mg/l/4h
<b>Phosphoric acid (7664-38-2)</b>	
LD50 oral rat	1530 mg/kg (Source: JAPAN_GHS)
LD50 oral	2000 mg/kg
LD50 dermal rabbit	2740 mg/kg (Source: JAPAN_GHS)
LD50 dermal	1071 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	0.9615 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation.
<b>n-Butyl acetate (123-86-4)</b>	
pH	6.2 Temp.: 20 °C Concentration: (≈)5 g/L
<b>Titanium Dioxide (13463-67-7)</b>	
pH	7
<b>Phosphoric acid (7664-38-2)</b>	
pH	1.5 (conc: 1.0 %)
Serious eye damage/irritation	: Causes serious eye irritation.
<b>n-Butyl acetate (123-86-4)</b>	
pH	6.2 Temp.: 20 °C Concentration: (≈)5 g/L
<b>Titanium Dioxide (13463-67-7)</b>	
pH	7

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Phosphoric acid (7664-38-2)	
pH	1.5 (conc: 1.0 %)

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

Germ cell mutagenicity : Not classified.

Carcinogenicity : Suspected of causing cancer.

Bisphenol A-epichlorohydrin polymer (25068-38-6)	
NOAEL (chronic, oral, animal/male, 2 years)	15 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)
NOAEL (chronic, oral, animal/female, 2 years)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)

Isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable

Ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes

Xylenes (o-, m-, p- isomers) (1330-20-7)	
IARC group	3 - Not classifiable

Titanium Dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

Talc (14807-96-6)	
IARC group	3 - Not classifiable
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity

Reproductive toxicity : Suspected of damaging the unborn child.

Acetone (67-64-1)	
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.

Acetone (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.

Propylene glycol monomethyl ether acetate (108-65-6)	
STOT-single exposure	May cause drowsiness or dizziness.

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<b>n-Butyl acetate (123-86-4)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Isopropyl alcohol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Ethyl acetate (141-78-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
<b>Propylene glycol monomethyl ether acetate (108-65-6)</b>	
NOAEL (oral, rat, 90 days)	≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (dermal, rat/rabbit, 90 days)	> 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
<b>n-Butyl acetate (123-86-4)</b>	
LOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)
NOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)
<b>Ethyl acetate (141-78-6)</b>	
LOAEL (oral, rat, 90 days)	3600 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)
NOAEL (oral, rat, 90 days)	900 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)
<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 through prolonged or repeated exposure.
<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>Talc (14807-96-6)</b>	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
<b>Ethyl alcohol (64-17-5)</b>	
LOAEL (oral, rat, 90 days)	3200 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	1730 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other:
NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

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Ethyl alcohol (64-17-5)	
NOAEL (subchronic, oral, animal/female, 90 days)	> 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

Aspiration hazard : Not classified.

1K Acrylic Primer Filler (light gray, dark gray, medium gray)	
Vaporizer	Aerosol
Viscosity, kinematic	No data available

n-Butyl acetate (123-86-4)	
Viscosity, kinematic	0.83 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'

Ethyl acetate (141-78-6)	
Viscosity, kinematic	0.5 mm <sup>2</sup> /s

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:'

Ethyl alcohol (64-17-5)	
Viscosity, kinematic	0.694 – 0.752 mm <sup>2</sup> /s

Symptoms/effects after inhalation : May cause irritation to the respiratory tract. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. 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. None under normal use.

Chronic symptoms : Suspected of causing cancer. Suspected of damaging the unborn child.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

## 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.

Dimethyl ether (115-10-6)	
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

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<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>Propylene glycol monomethyl ether acetate (108-65-6)</b>	
LC50 - Fish [1]	161 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 - Crustacea [1]	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'
<b>Bisphenol A-epichlorohydrin polymer (25068-38-6)</b>	
LC50 - Fish [1]	1.2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	≈ 2 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	9.4 mg/l Test organisms (species): Scenedesmus capricornutum
EC50 72h - Algae [2]	> 11 mg/l Test organisms (species): Scenedesmus capricornutum
LOEC (chronic)	1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>n-Butyl acetate (123-86-4)</b>	
LC50 - Fish [1]	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	44 mg/l Test organisms (species): Daphnia sp.
EC50 - Other aquatic organisms [1]	32 mg/l Test organisms (species): Artemia salina
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)
EC50 72h - Algae [2]	246 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic algae	296 mg/l
<b>Isopropyl alcohol (67-63-0)</b>	
LC50 - Fish [1]	10000 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas

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<b>Isopropyl alcohol (67-63-0)</b>	
EC50 72h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
<b>Ethyl acetate (141-78-6)</b>	
LC50 - Fish [1]	220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
EC50 - Crustacea [1]	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 - Fish [2]	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: IUCLID)
NOEC (chronic)	2.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<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>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'
<b>Titanium Dioxide (13463-67-7)</b>	
LC50 - Fish [1]	155 mg/l Test organisms (species): other:Japanese Medaka
EC50 - Crustacea [1]	19.3 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 100 mg/l Test organisms (species):
EC50 - Crustacea [2]	27.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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<b>Talc (14807-96-6)</b>	
LC50 - Fish [1]	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
LC50 - Fish [2]	110000 mg/l Test organisms (species): other:
EC50 96h - Algae [1]	7202.7 mg/l Test organisms (species): other:
NOEC (chronic)	1459798 mg/l Test organisms (species): other: Duration: '30 d'

<b>Ethyl alcohol (64-17-5)</b>	
LC50 - Fish [1]	12 – 16 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
EC50 - Crustacea [1]	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
EC50 - Crustacea [2]	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 96h - Algae [1]	≈ 22000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'

<b>Phosphoric acid (7664-38-2)</b>	
LC50 - Fish [1]	75.1 mg/l
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

## 12.2. Persistence and degradability

<b>1K Acrylic Primer Filler (light gray, dark gray, medium gray)</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>Propylene glycol monomethyl ether acetate (108-65-6)</b>	
Persistence and degradability	Rapidly degradable

<b>Bisphenol A-epichlorohydrin polymer (25068-38-6)</b>	
Persistence and degradability	Rapidly degradable

<b>n-Butyl acetate (123-86-4)</b>	
Persistence and degradability	Rapidly degradable

<b>Isopropyl alcohol (67-63-0)</b>	
Persistence and degradability	Rapidly degradable

<b>Ethyl acetate (141-78-6)</b>	
Persistence and degradability	Rapidly degradable

<b>Ethylbenzene (100-41-4)</b>	
Persistence and degradability	Rapidly degradable

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<b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
Persistence and degradability	Rapidly degradable
<b>Titanium Dioxide (13463-67-7)</b>	
Persistence and degradability	Rapidly degradable
<b>Talc (14807-96-6)</b>	
Persistence and degradability	Rapidly degradable
<b>Ethyl alcohol (64-17-5)</b>	
Persistence and degradability	Rapidly degradable
<b>Phosphoric acid (7664-38-2)</b>	
Persistence and degradability	Not rapidly degradable
<b>Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine (162627-17-0)</b>	
Persistence and degradability	Rapidly degradable
<b>12.3. Bioaccumulative potential</b>	
<b>1K Acrylic Primer Filler (light gray, dark gray, medium gray)</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>Propylene glycol monomethyl ether acetate (108-65-6)</b>	
Partition coefficient n-octanol/water	1.2 (at 20 °C (at pH 6.8))
<b>n-Butyl acetate (123-86-4)</b>	
Partition coefficient n-octanol/water	1.81 (at 23 °C)
<b>Isopropyl alcohol (67-63-0)</b>	
Partition coefficient n-octanol/water	0.05 (at 25 °C)
<b>Ethyl acetate (141-78-6)</b>	
BCF - Fish [1]	(30 dimensionless)
Partition coefficient n-octanol/water	0.73 (at 20 °C (at pH 7))
<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>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>	
BCF - Fish [1]	0.6 – 15
Partition coefficient n-octanol/water	2.77 – 3.15

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Talc (14807-96-6)	
BCF - Fish [1]	(no known bioaccumulation)
Ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water	-0.35 (at 24 °C (at pH 7.4))
Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine (162627-17-0)	
Partition coefficient n-octanol/water	> 5.5 (at 20 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	: Not classified.
Fluorinated greenhouse gases	: No
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.
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)

<b>DOT</b>	
Transport hazard class(es) (DOT)	: 2.1
Hazard labels (DOT)	: 2.1



<b>TDG</b>	
Transport hazard class(es) (TDG)	: 2.1
Hazard labels (TDG)	: 2.1

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### 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.

#### 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 Packaging Non Bulk (49 CFR 173.xxx) : None  
DOT Packaging Bulk (49 CFR 173.xxx) : None  
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

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### 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

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Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



#### Indication of changes:

SDS update.

SDS HazCom 2024 - WHMIS 2022 (Nexreg) 2025

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