

1K UV Primer Filler

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : 1K UV Primer Filler
Product code : 3680019 / REZ1097

1.2. Recommended use and restrictions on use

Recommended use : Automotive refinish

1.3. Supplier

Manufacturer

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

Distributor

Peter Kwasny Inc.
62-64 Enter Lane
Islandia, NY 11749
T 1-844-726-6330 (toll free North America)

Distributor

Peter Kwasny Spraypaint Canada Inc
40 University Avenue, Suite 904
Toronto, ON M5J 1T1

1.4. Emergency telephone number

Emergency number : 352-323-3500 (24h / 7 days a week)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Flam. Aerosol 1
Press. Gas (Liq.)
Skin Irrit. 2
Eye Irrit. 2A
Skin Sens. 1
Carc. 1B
Repr. 1B
STOT RE 1
Simple Asphy

2.2. GHS Label elements, including precautionary statements

GHS labeling

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS) :

Extremely flammable aerosol
Contains gas under pressure; may explode if heated
Causes skin irritation

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Precautionary statements (GHS)	<p>May cause an allergic skin reaction Causes serious eye irritation May cause cancer May damage fertility or the unborn child Causes damage to organs through prolonged or repeated exposure May displace oxygen and cause rapid suffocation</p> <p>: 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/vapors/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.</p>
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2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Dimethyl ether	Dimethyl ether Methane, oxybis- / Methyl ether / Wood ether / Methoxymethane / Methane, 1,1'-oxybis- / DIMETHYL ETHER / Oxybismethane / Dimethyl oxide / Butylene	CAS-No.: 115-10-6	30 – 60
Acetone	Acetone Dimethyl ketone / 2-Propanone / ACETONE / Propan- 2-one / Propanone	CAS-No.: 67-64-1	7 – 30

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Name	Chemical name / Synonyms	Product identifier	%
Styrene	Styrene Benzene, ethenyl- / Benzene, vinyl- / Cinnamene / Phenylethene / Styrene monomer / Vinylbenzene / Styrene, monomer / Phenylethylene / Styrene monomer, stabilized / Ethenylbenzene / STYRENE	CAS-No.: 100-42-5	7 – 13
1,6-Hexanediol diacrylate	1,6-Hexanediol diacrylate Acrylic acid, hexamethylene ester / Diacrylate, hexane-1,6-diyl / Hexamethylene diacrylate / Hexanediol diacrylate / 2-Propenoic acid, 1,6-hexanediyl ester / Hexane-1,6-diol diacrylate / 2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester / Hexanediol diacrylate, 1,6- / Diester of acrylic acid with 1,6-hexanediol / Hexane-1,6-diyl diacrylate	CAS-No.: 13048-33-4	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 / CQI 819 / Methanone, 1,1'-(phenylphosphinylidene)bis[1-(2,4,6-trimethylphenyl)- / Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide / Bis(2,4,6-trimethylbenzoyl)phenylphosphine oxide / BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE / Bis-trimethylbenzoyl phenylphosphine oxide	CAS-No.: 162881-26-7	0.5 – 1.5
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)-	1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)-2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone / Irgacure 369 / 1-Butanone, 2-(dimethylamino)-1-(4-(4-morpholinyl)phenyl)-2-(phenylmethyl)- / 2-Benzyl-2-dimethylamino-1-(4-morpholinophenyl)-1-butanone / 2-Benzyl-2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-1-butanone / 2-Benzyl-2-dimethylamino-4-morpholinobutyrophenone / BENZYL DIMETHYLAMINO MORPHOLINOPHENYL BUTANONE / 2-Benzyl-2-(N,N-dimethylamino)-1-(4-morpholinophenyl)butan-1-one / 2-Benzyl-2-(dimethylamino)-1-(4-(morpholin-4-yl)phenyl)butan-1-one	CAS-No.: 119313-12-1	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 first aid measures

First-aid measures after inhalation	: 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. Get medical advice/attention 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	: 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 and effects (acute and delayed)

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Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May cause drowsiness or dizziness. vapors 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	: 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.
Chronic symptoms	: May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

4.3. Immediate medical attention and special treatment, if necessary

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	: Use extinguishing media appropriate for surrounding fire.
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.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. vapors may form explosive mixture with air.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: 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).
Other information	: Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: 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 only non-sparking tools. Use special care to avoid static electric charges.
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6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

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For containment : Stop leak if safe to do so. 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.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not pierce or burn, even after use. Keep away from sources of ignition - No smoking. Hazardous waste due to potential risk of explosion.

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 and eyes. Do not breathe dust, fume, gas, mist, spray, vapors. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Do not spray on an open flame or other ignition source. Use only in well ventilated areas.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep out of the reach of children. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Store away from direct sunlight or other heat sources. Store in a well-ventilated place. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1K UV Primer Filler	
No additional information available	
Dimethyl ether (115-10-6)	
No additional information available	
Acetone (67-64-1)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	250 ppm
ACGIH OEL STEL [ppm]	500 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA - ACGIH - Biological Exposure Indices	
BEI (BLV)	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	2400 mg/m ³
OSHA PEL (TWA) [2]	1000 ppm

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Acetone (67-64-1)	
USA - IDLH - Occupational Exposure Limits	
IDLH [ppm]	2500 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	590 mg/m ³
NIOSH REL TWA [ppm]	250 ppm
Styrene (100-42-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	10 ppm
ACGIH OEL STEL [ppm]	20 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - ACGIH - Biological Exposure Indices	
BEI (BLV)	400 mg/g Kreatinin Parameter: Mandelic acid plus phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific) 40 µg/l Parameter: Styrene - Medium: urine - Sampling time: end of shift
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [2]	100 ppm
OSHA PEL C [ppm]	200 ppm
Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift	600 ppm Peak (5 minutes in any 3 hours)
USA - IDLH - Occupational Exposure Limits	
IDLH [ppm]	700 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	215 mg/m ³
NIOSH REL TWA [ppm]	50 ppm
NIOSH REL (STEL)	425 mg/m ³
NIOSH REL STEL [ppm]	100 ppm
1,6-Hexanediol diacrylate (13048-33-4)	
No additional information available	
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)	
No additional information available	
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)- (119313-12-1)	
No additional information available	

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

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Hand protection:
Wear suitable gloves resistant to chemical penetration
Eye protection:
Wear eye/face protection
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
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.

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. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Color	: Gray Translucent
Odor	: Characteristic
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: < -18 °C (< -0.4 °F)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Extremely flammable aerosol.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.8 g/cm ³
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
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

Gas group	: Press. Gas (Liq.)
Flame projection length	: > 75 cm < 100 cm
Flashback	: Possible

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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

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

10.5. Incompatible materials

Strong oxidizing agents. Acids. Alkalis.

10.6. Hazardous decomposition products

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

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
ATE CA (Gases (except aerosol dispensers and lighters))	164000 ppmV/4h
Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg body weight Animal: rat, Animal sex: female
LD50 dermal rabbit	> 15700 mg/kg
LC50 inhalation rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4
ATE CA (oral)	5800 mg/kg body weight
Styrene (100-42-5)	
LD50 oral rat	1000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat	11.7 mg/l/4h
ATE CA (oral)	1000 mg/kg body weight
ATE CA (Gases (except aerosol dispensers and lighters))	4500 ppmV/4h
ATE CA (vapors)	11.7 mg/l/4h

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Styrene (100-42-5)	
ATE CA (dust,mist)	1.5 mg/l/4h
1,6-Hexanediol diacrylate (13048-33-4)	
LD50 oral rat	5 g/kg
LD50 dermal rabbit	3600 mg/kg
ATE CA (oral)	5000 mg/kg body weight
ATE CA (Dermal)	3600 mg/kg body weight
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)- (119313-12-1)	
LD50 dermal rat	> 2000 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
Styrene (100-42-5)	
IARC group	2A - Probably carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
In OSHA Hazard Communication Carcinogen list	Yes
Reproductive toxicity	: May damage fertility or the unborn child.
Acetone (67-64-1)	
LOAEL (animal/female, F0/P)	11298 mg/kg body weight Animal: mouse, Animal sex: female
NOAEL (animal/male, F0/P)	900 mg/kg body weight Animal: rat, Animal sex: male, Remarks on results: other:Generation not specified (migrated information)
STOT-single exposure	: Not classified.
Acetone (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.
	: Causes damage to organs through prolonged or repeated exposure.
STOT-repeated exposure	
Styrene (100-42-5)	
LOAEL (oral,rat,90 days)	2000 mg/kg body weight Animal: rat
LOAEC (inhalation,rat,vapor,90 days)	0.21 mg/l air Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat
NOAEL (subchronic,oral,animal/male,90 days)	10 mg/kg body weight Animal: mouse, Animal sex: male
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

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1,6-Hexanediol diacrylate (13048-33-4)	
NOAEL (oral, rat, 90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

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

Aspiration hazard : Not classified.

1K UV Primer Filler	
Vaporizer	Aerosol

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May cause drowsiness or dizziness. vapors 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	: 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.
Chronic symptoms	: May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general : May cause long-term adverse effects in the aquatic environment.

Dimethyl ether (115-10-6)	
LC50 - Fish [1]	> 4.1 g/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])
EC50 - Crustacea [1]	> 4.4 g/l Test organisms (species): Daphnia magna

Acetone (67-64-1)	
LC50 - Fish [1]	4.74 – 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
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])
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'

Styrene (100-42-5)	
LC50 - Fish [1]	3.24 – 4.99 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	3.3 – 7.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	19.03 – 33.53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LOEC (chronic)	2.06 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (acute)	44 mg/kg (Exposure time: 14 Days - Species: Eisenia foetida [soil dry weight])

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Styrene (100-42-5)	
NOEC (chronic)	1.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
1,6-Hexanediol diacrylate (13048-33-4)	
LC50 - Fish [1]	4.6 – 10 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	2.6 mg/l Test organisms (species): Daphnia magna
LOEC (chronic)	0.24 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.14 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.0723 mg/l Test organisms (species): Oryzias latipes Duration: '39 d'
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)	
LC50 - Fish [1]	> 90 µg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
EC50 - Crustacea [1]	> 1.175 mg/l Test organisms (species): other aquatic crustacea:Daphnia Magna
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)- (119313-12-1)	
LC50 - Fish [1]	0.46 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])

12.2. Persistence and degradability

1K UV Primer Filler	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

1K UV Primer Filler	
Bioaccumulative potential	Not established.

Dimethyl ether (115-10-6)	
Partition coefficient n-octanol/water	-0.18

Acetone (67-64-1)	
BCF - Fish [1]	0.69
Partition coefficient n-octanol/water	-0.24

Styrene (100-42-5)	
BCF - Fish [1]	13.5
Partition coefficient n-octanol/water	2.95

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

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Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

In accordance with DOT / TDG

14.1. UN number

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

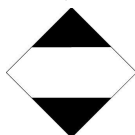
14.2. UN proper shipping name

Proper Shipping Name (DOT) : Aerosols (flammable)

14.3. Transport hazard class(es)

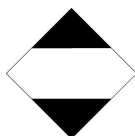
DOT

Transport hazard class(es) (DOT) : LTD QTY
Hazard labels (DOT) : LTD QTY



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. 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

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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 Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting 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

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US 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. US State regulations

⚠ WARNING: This product can expose you to Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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Other information : None.

Prepared by : Nexreg Compliance Inc.

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Full text of H-phrases	
Carc. 1B	Carcinogenicity Category 1B
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Aerosol 1	Flammable aerosol Category 1
Press. Gas (Liq.)	Gases under pressure Liquefied gas
Repr. 1B	Reproductive toxicity Category 1B
Simple Asphy	Simple Asphyxiant
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1

Indication of changes:
SDS update.

SDS HazCom 2012 - WHMIS 2015 (NexReg)

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