

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

Date of issue: 10/10/2019

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Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : 1K UV Primer Filler
Product code : 5680019 / REZ1097

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

Recommended use : Automotive refinsh

1.3. Details of the supplier of the safety data sheet

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
2275 Lake Shore Boulevard West, Suite 530
Toronto, ON M8V 3Y3

1.4. Emergency telephone number

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

SECTION 2: Hazard 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. Label elements

GHS labelling

Hazard pictograms (GHS) :



GHS02

GHS04

GHS07

GHS08

Signal word (GHS) :

Danger

Hazard statements (GHS) :

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

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. 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. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. 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. If exposed or concerned: Get medical advice/attention. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container to hazardous or special waste

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collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

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	Product identifier	%
Dimethyl ether	(CAS-No.) 115-10-6	30 - 60
Acetone	(CAS-No.) 67-64-1	7 - 30
Styrene	(CAS-No.) 100-42-5	7 - 13
1,6-Hexanediol diacrylate	(CAS-No.) 13048-33-4	1 - 5
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)-	(CAS-No.) 162881-26-7	0.5 - 1.5
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)-	(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, both 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 : 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. Indication of any immediate medical attention and special treatment needed

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. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

- 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. Vapours may form explosive mixture with air.

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5.3. Advice for firefighters

- 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.

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

- 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, vapours. 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 must 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

Dimethyl ether (115-10-6)		
Not applicable		
Acetone (67-64-1)		
ACGIH	ACGIH TWA (ppm)	250 ppm
ACGIH	ACGIH STEL (ppm)	500 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	2400 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
IDLH	US IDLH (ppm)	2500 ppm (10% LEL)
NIOSH	NIOSH REL (TWA) (mg/m ³)	590 mg/m ³

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Acetone (67-64-1)		
NIOSH	NIOSH REL (TWA) (ppm)	250 ppm
Styrene (100-42-5)		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	40 ppm
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	OSHA PEL (Ceiling) (ppm)	200 ppm
IDLH	US IDLH (ppm)	700 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	215 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	50 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	425 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	100 ppm
1,6-Hexanediol diacrylate (13048-33-4)		
Not applicable		
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)		
Not applicable		
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)- (119313-12-1)		
Not applicable		

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
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.
Environmental exposure controls	: Avoid release to the 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. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol
Colour	: Grey; Translucent
Odour	: Characteristic
Odour 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 (butylacetate=1)	: No data available
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
Density	: 0.8 g/cm ³
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

Gas group	: Press. Gas (Liq.)
Flame projection length	: > 75 < 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

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)	164000 ppmv/4h
Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg
LD50 dermal rabbit	> 15700 mg/kg
LC50 inhalation rat	50100 mg/m ³ (Exposure time: 8 h)
ATE CA (oral)	5800 mg/kg bodyweight
ATE CA (vapours)	50.1 mg/l/4h
ATE CA (dust,mist)	50.1 mg/l/4h
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 bodyweight
ATE CA (Gases)	4500 ppmv/4h
ATE CA (vapours)	11.7 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h
1,6-Hexanediol diacrylate (13048-33-4)	
LD50 oral rat	5 g/kg

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1,6-Hexanediol diacrylate (13048-33-4)	
LD50 dermal rabbit	3600 mg/kg
ATE CA (oral)	5000 mg/kg bodyweight
ATE CA (Dermal)	3600 mg/kg bodyweight

Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)- (162881-26-7)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: 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	3 - Reasonably anticipated to be Human Carcinogen
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: Not classified.

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

STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
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Styrene (100-42-5)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified.
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1K UV Primer Filler	
Vaporizer	Aerosol

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	: 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.
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Acetone (67-64-1)	
LC50 fish 1	4.74 - 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 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 Daphnia 2	12600 - 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Styrene (100-42-5)	
LC50 fish 1	3.24 - 4.99 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	3.3 - 7.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)

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Styrene (100-42-5)	
LC50 fish 2	19.03 - 33.53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
NOEC (acute)	44 mg/kg (Exposure time: 14 Days - Species: Eisenia foetida [soil dry weight])

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. Waste treatment methods

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 vapours may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT) / Transportation of Dangerous Goods (TDG)

In accordance with DOT and TDG

UN-No.(DOT / TDG) : UN1950
Proper Shipping Name (DOT / TDG) : Aerosols
Class (DOT / TDG) : Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT / TDG) :



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. 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.

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SECTION 16: Other information

Revision date : 10/10/2019
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



SDS HazCom 2012 - WHMIS 2015 (NexReg)

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