Safety Data Sheet According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015 Б Vorsion: 1.0

ovision data: 06/07/2017

	Date of issue: 06/07/2017 Revision date: 06/07/2017	Version: 1.0	
SECTION 1: Identification			
1.1. Identification			
Product form	: Mixture		
Product name	: 1K FillClean Waterborne Series D		
Product code	: 3682078 / REZ157		
1.2. Relevant identified uses of	the substance or mixture and uses advised against		
Recommended use	: Automotive refinish		
1.3. Details of the supplier of	ne safety data sheet		
Manufacturer Peter Kwasny GmbH Heilbronner Str. 96 Gundelsheim, 74831 - Germany T 49(0) 6269-95-20	Distributor Peter Kwasny Spra	788 (toll free North America) aypaint Canada Inc Boulevard West, Suite 530	
1.4. Emergency telephone nu	iber		
Emergency number	: 352-323-3500 (24 hr)		
2.1. Classification of the subs GHS classification Flam. Aerosol 1			
Eye Irrit. 2 Simple Asphy			
GHS labelling			
Eye Irrit. 2 Simple Asphy 2.2. Label elements	serious eye irritation. May displace oxyger : Keep away from heat/sparks/open flames/ flame or other ignition source. Pressurized Wash hands, forearms and face thoroughl clothing/eye protection/face protection. If in	as under pressure; may explode if heated. Causes n and cause rapid suffocation. /hot surfaces. No smoking. Do not spray on an open l container: Do not pierce or burn, even after use. y after handling. Wear protective gloves/protective n eyes: Rinse cautiously with water for several	
Eye Irrit. 2 Simple Asphy 2.2. Label elements GHS labelling Hazard pictograms (GHS) Signal word (GHS) Hazard statements (GHS)	 Danger Extremely flammable aerosol. Contains gaserious eye irritation. May displace oxyger Keep away from heat/sparks/open flames/ flame or other ignition source. Pressurized Wash hands, forearms and face thoroughl clothing/eye protection/face protection. If in minutes. Remove contact lenses, if preser 	as under pressure; may explode if heated. Causes an and cause rapid suffocation. /hot surfaces. No smoking. Do not spray on an open I container: Do not pierce or burn, even after use. y after handling. Wear protective gloves/protective n eyes: Rinse cautiously with water for several ant and easy to do. Continue rinsing. If eye irritation are in a well-ventilated place. Protect from sunlight.	
Eye Irrit. 2 Simple Asphy 2.2. Label elements GHS labelling Hazard pictograms (GHS) Signal word (GHS) Hazard statements (GHS) Precautionary statements (GHS) 2.3. Other hazards No additional information available	 Danger Extremely flammable aerosol. Contains gaserious eye irritation. May displace oxyger Keep away from heat/sparks/open flames/ flame or other ignition source. Pressurized Wash hands, forearms and face thoroughl clothing/eye protection/face protection. If in minutes. Remove contact lenses, if preser persists: Get medical advice/attention. Sto 	as under pressure; may explode if heated. Causes an and cause rapid suffocation. /hot surfaces. No smoking. Do not spray on an open I container: Do not pierce or burn, even after use. y after handling. Wear protective gloves/protective n eyes: Rinse cautiously with water for several ant and easy to do. Continue rinsing. If eye irritation are in a well-ventilated place. Protect from sunlight.	

Not applicable

06/07/2017

Safety Data Sheet

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

First-aid measures after inhalation : If breathing is difficult, remove vicit in to fresh air and keap at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. First-aid measures after eye contact : If skin inflation occurs: Wash skin with plenty of water. Obtain medical attention if inflation persists: Get medical advice/attention if you feel unwell. First-aid measures after inpaction : Do not induce vorniting without medical advice/attention if you feel unwell. First-aid measures after inpaction : Do not induce vorniting without medical advice/attention if you feel unwell. First-aid measures after inpaction : May cause irritation to the respiratory tract. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptomes of oxygen deficiency inclu respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. Symptoms/effects after inpacton : May cause sini initiation. Symptoms may include discomfort or pain, axcess blinking and tear production, with marked redness and swelling of the oxign, detating and cracking of the ski symptoms/effects after ingestion : Way the amplit if swallowed. Way cause assertinestinal initiation, nausea, vomiting and diarrhea. 13. Indication of any immediate medical attention and special treatment needed Symptoms/effects after ingestion : Water spray. Dry powder. Carbon dioxide (CO2). 14. Indication of any immediate medical attention and special treatment needed <	3.2. Mixtures			
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First-aid measures after eye contact IF IN EYES: Rinse cauliously with water for several minutes. Remove contact lenses, if president and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. First-aid measures after ingestion : Do not induce vorniting without medical advice/attention if you feel unwell. 12 Most important symptoms and effects. both acute and delayed Symptoms/effects after inhalation : May cause site irritation to the respiratory tract. Vapours are heavier than air and can cause sufficiency incluin respiratory difficulty, headcance, dizziness, nausea, unconsciouses or death. Symptoms/effects after site cover contact : May cause site irritation to the respiratory tract. Vapours are heavier than air and can cause sufficiency incluin respiratory difficulty, headcance, dizziness, nausea, unconsciouses or death. Symptoms/effects after site cover contact : May cause site initiation. Symptoms may include redness, if president state regord contact is experiment and can cause sufficiency incluin respiratory difficulty, headcance site and vision, innue diate advice interpreting disconfort or pain, access bilinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms/effects after ingestion : May cause galari intation, assea, orniting and diarhea. Symptoms/effects after ingestion : May cause galari intation, assea, orniting and iteration and second productive. Symptoms/effects after ingestion : Water spray. Dry powder. Carbon dioxide (CO ₂). Effecting infinition :	First-aid measures after inhalation	: If breathing is difficult, remove vi		in a position comfortable for
and easy to do. Continue rinsing. If eye initiation persists: Get medical advice/attention. irst-aid measures after ingestion : Do not induce vomiting without medical advice. Naver give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. 12. Most important symptoms and effects, both acute and delayed symptoms/effects after inhalation : May cause irritation to the respiratory fract. Vapours are heavier than air and can cause sufficiation by reducing oxygen available for breathing. Symptoms of oxygen deficiency inclu- respiratory fideully, headcathe, dizziness, nausea, unconsciousness or death. Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, diying, defatting and cracking of the ski Symptoms/effects after eye contact : May cause skin irritation. Symptoms may include fedoms or yound seeding of the conjunctiva. Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and dianhea. 13. Indication of any immedicate 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). 14. Extinguishing media : Water spray. Dry powder. Carbon dioxide (CO ₂). 15. Special hazards arising from the substance or mixture irre hazard : Extremely flammable aerosol. Products of combustion may include, and are not limited to: coides of carbon. 25. Special hazards arising from the substance or mixture irrefighting instructions : Do Not Tight fire when fire reaches explosives. Evacuate area. 3. Advice or firefighters 3. Advice or 	First-aid measures after skin contact	: If skin irritation occurs: Wash skin	with plenty of water. Obtain medica	al attention if irritation persists.
unconscious person. Ĝet medical advice/attention if you feel unwell. 1.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after inhalation May cause irritation to the respiratory tract. Vapours are heavier than air and can cause sufficiation by reducing oxygen available for breathing. Symptoms of oxygen deficiency inclurespiratory difficulty, headche, dizziness, nausea, unconsciourses or death. Symptoms/effects after eye contact May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the ski symptoms/effects after eye contact Symptoms/effects after eye contact May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarche. Symptoms/effects after ingestion May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarche. Symptoms/effects after ingestion May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarche. Symptoms/effects after ingestion May the spray. Dry powder. Carbon dioxide (CO ₂). Symptoms and be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Sector Special hazards Do not use water jet. S2. Special hazards arising from the substance or mixture Gire hazard Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxide's of carbon. Symptom	First-aid measures after eye contact			
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SECTION 5: Firefighting measures 5.1. Extinguishing media : Water spray. Dry powder. Carbon dioxide (CO ₂). Jusuitable extinguishing media : Do not use water jet. 5.2. Special hazards arising from the substance or mixture rire 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. Reactivity : No dangerous reactions known under normal conditions of use. 5.3. Advice for firefighters : DO NOT fight fire when fire reaches explosives. Evacuate area. Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Burker gear) and respiratory protection (SCBA). 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. SECETION 6: Accidental release measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry 1 unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use on non-sparking tools. Use special care to avoid static electric charges. 6.1.1. For non-emergency personnel Wadditional information available 8.2.2. Environmental precautions Even upwoind seven spray to kee sprecaution free tor avoid static electric charge	4.3. Indication of any immediate med	ical attention and special treatment n	eeded	
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 DO NOT fight fire when fire reaches explosives. Evacuate area. Cotection during firefighting Meep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). 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. ECTION 6: Accidental release measures Use personal precautions, protective equipment and emergency procedures 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 Vo additional information available 6.1.2. For emergency responders Vo additional information available 6.2. Environmental precautions 	5.3. Advice for firefighters			
Protection during firefighting	Firefighting instructions	: DO NOT fight fire when fire read	hes explosives. Evacuate area.	
S.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. S.1.1. For non-emergency personnel No additional information available Source of emergency responders No additional information available Source of emergency responders S.2. Environmental precautions	Protection during firefighting	: Keep upwind of fire. Wear full fire (SCBA). Use water spray to keep	fighting turn-out gear (full Bunker g fire-exposed containers cool. Vapo	ours are heavier than air and
 General measures Use personal protection recommended in Section 8. Isolate the hazard area and deny entry funnecessary and unprotected personnel. Eliminate every possible source of ignition. Use on non-sparking tools. Use special care to avoid static electric charges. S.1.1. For non-emergency personnel No additional information available S.1.2. For emergency responders No additional information available S.2. Environmental precautions 	SECTION 6: Accidental release me	easures		
unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use onl non-sparking tools. Use special care to avoid static electric charges. 5.1.1. For non-emergency personnel No additional information available 5.1.2. For emergency responders No additional information available 5.2. Environmental precautions				
No additional information available 5.1.2. For emergency responders No additional information available 5.2. Environmental precautions	General measures	unnecessary and unprotected pe	ersonnel. Eliminate every possibl	e source of ignition. Use only
5.1.2. For emergency responders No additional information available 5.2. Environmental precautions	6.1.1. For non-emergency personnel			
No additional information available 5.2. Environmental precautions	No additional information available			
No additional information available 5.2. Environmental precautions	6.1.2. For emergency responders			
	No additional information available			
	6.2 Environmental precautions			

Safety Data Sheet

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

6.3. Methods and material for contain	Iment 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	: Scoop up material and place in a disposal container. Provide ventilation.
6.4. Reference to other sections	
For further information refer to section 8: "Exp	posure controls/personal protection"
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Pressurized container: Do not pierce or burn, even after use. Hazardous waste due to potential risk of explosion.
Precautions for safe handling	: Avoid contact with skin, eyes and clothing. Avoid breathing vapours, spray, mist, gas, fume, dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from sources of ignition - No smoking. Do not spray on an open flame or other ignition source. Use only non-sparking tools. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Wash contaminated clothing before reuse. Always wash hands after handling the product.
7.2. Conditions for safe storage, inclu	uding any incompatibilities
Technical measures	: Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Keep out of the reach of children. Store locked up. Store in a well-ventilated place. Store away from direct sunlight or other heat sources. Keep in fireproof place. Do not expose to

SECTION 8: Exposure controls/personal protection

B.1. Control parameters Dimethyl ether (115-10-6)		
Not applicable		
Isopropyl alcohol (67-63-0)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
IDLH	US IDLH (ppm)	2000 ppm (10% LEL)
NIOSH	NIOSH REL (TWA) (mg/m ³)	980 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	1225 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	500 ppm
3.2. Exposure controls		
Appropriate engineering controls	: Ensure good ventilation of the work	station.
Hand protection	: Wear suitable gloves.	
Eye protection	: Wear eye/face protection.	
Skin and body protection		
Respiratory protection	otection : 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.	
invironmental exposure controls : Avoid release to the environment.		

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

temperatures exceeding 50 °C/ 122 °F. Keep away from incompatible materials.

SECTION 9: Physical and chemical properties		
9.1.	Information on basic physical and ch	hemical properties
Physical	state	: Liquid

Other information

Safety Data Sheet

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

Appearance	: Aerosol.
Colour	: Clear
Odour	: Characteristic
Odour threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: < -18 °C (-0.4 °F)
Flash point	: No data available
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	: No data available
Relative density	: No data available
Density	: 0.68 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
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

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. Sparks. Open flame. Direct sunlight. Overheating. 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.

SECTION 11: Toxicological i	nformation	
11.1. Information on toxicologic	cal 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	
Isopropyl alcohol (67-63-0)		
LD50 oral rat	5045 mg/kg	
LD50 dermal rabbit	4059 mg/kg	
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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Isopropyl alcohol (67-63-0)	
LC50 inhalation rat	72600 mg/m³ (Exposure time: 4 h)
Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Aspiration nazaru	. Not classified.
1K FillClean Waterborne Series D	
Vaporizer	Aerosol
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death.
Symptoms/effects after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
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.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.
SECTION 12: Ecological informat	ion
12.1. Toxicity	
Ecology - general	: May cause long-term adverse effects in the aquatic environment.
Isopropyl alcohol (67-63-0)	
LC50 fish 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
12.2. Persistence and degradability	
1K FillClean Waterborne Series D	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
· · · · · · · · · · · · · · · · · · ·	
1K FillClean Waterborne Series D Bioaccumulative potential	Not established.
Dimethyl ether (115-10-6)	0.40
Partition coefficient n-octanol/water	-0.18
Isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water	0.05 (at 25 °C)
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Effect on the global warming	· No known affects from this product
Effect on the global warming	: No known effects from this product.
Effect on the global warming Other information	No known effects from this product.No other effects known.

Safety Data Sheet

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

SECTION 13: Disposal consideration	ns
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) and Transportation of Dangerous Goods (TDG) In accordance with DOT/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

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information	
Revision date	: 06/07/2017

Other information
Prepared by

- : None.
 - : Nexreg Compliance Inc. www.Nexreg.com



SDS HazCom 2012 - WHMIS 2015 (NexReg)

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