2K Epoxy Primer Gray Safety Data Sheet According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

	Regulations (HPR) WHMIS 2015 Issue date: 07/28/2017 Revision date: 09/21/2020 Supersedes: 07/31/2019 Version: 2.1
SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: 2K Epoxy Primer Gray
Product code	: 3680033 / REZ1232
1.2. Relevant identified uses	e of the substance or mixture and uses advised against
Recommended use	s of the substance or mixture and uses advised against : Automotive refinish
1.3. Details of the supplier o	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 Toronot, ON M8V 3Y3
1.4. Emergency telephone n	iumber
Emergency number	: 352-323-3500 (24h / 7 days a week)
SECTION 2: Hazard identif	ication
2.1. Classification of the sub	
GHS classification	
Flam. Aerosol 1	
Press. Gas (Lig.)	
Skin Irrit. 2	
Eye Irrit. 2A	
Skin Sens. 1	
Carc. 2	
Repr. 2	
STOT SE 3	
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 drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hand 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 medica advice/attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wa it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with wat for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed on contaminate of the several minutes.
	irritation persists: Get medical advice/attention. Store in a well-ventilated place. Keep containe tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding tightly closed.
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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.

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	10 - 30
Bisphenol A-epichlorohydrin polymer	(CAS-No.) 25068-38-6	5 – 10
Titanium dioxide	(CAS-No.) 13463-67-7	5 – 10
Xylenes (o-, m-, p- isomers)	(CAS-No.) 1330-20-7	1 – 5
Talc	(CAS-No.) 14807-96-6	1 – 5
Methyl isoamyl ketone	(CAS-No.) 110-12-3	1 – 5
Solvent naphtha, petroleum, heavy aromatic	(CAS-No.) 64742-94-5	1 – 5
1-Butanol	(CAS-No.) 71-36-3	1 – 5
n-Butyl acetate	(CAS-No.) 123-86-4	1 – 5
Ethylbenzene	(CAS-No.) 100-41-4	0.5 – 1.5

*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 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.	
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	s, both acute and delayed	
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. May cause drowsiness or dizziness.	
Symptoms/effects after skin contact	: May cause 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.	
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).

SECT	ON 5: Fire-fighting measures	
5.1.	Extinguishing media	
Suitable	extinguishing media	: Water spray. Dry powder. Carbon dioxide (CO2).
Unsuitat	le extinguishing media	: Do not use water jet.

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

5.2. Special hazards arising from the sub	stance or mixture
Fire hazard	: Extremely flammable aerosol. Products of combustion may include, and are not limited to:
	oxides of carbon. Nitrogen oxides.
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.
5.3. Advice for firefighters	
Firefighting instructions	: 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 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.
SECTION 6: Accidental release meas	ures
6.1. Personal precautions, protective equ	ipment 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 containmer	nt 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.
6.4. Reference to other sections	
For further information refer to section 8: "Exposu	re 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. Hazardous waste due to potential risk of explosion.
Precautions for safe handling	: Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothing. 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. Use only non-sparking tools. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.
7.2. Conditions for safe storage, includin	g 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 temperatures exceeding 50 °C/ 122 °F. Keep away from incompatible materials.
SECTION 8: Exposure controls/perso	nal protection
8.1. Control parameters	
2K Epoxy Primer Gray Improved	
No additional information available	
Dimethyl ether (115-10-6)	
No additional information available	
Acetone (67-64-1)	
USA - ACGIH - Occupational Exposure Limits	3
ACGIH TWA (ppm)	250 ppm

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ACGIH chemical category Not Classifiable as a Human Carcinogen USA ACGIH - Biological Exposure Indices Biological	ACGIH STEL (ppm)	500 ppm
USA ACCIH - Biological Exposure Indices Diological Exposure Indices (EI) 25 mg1 Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific) USA OSHA PEL (TVA) (ng/m ¹) 2400 mg/m ³ OSHA PEL (TVA) (ng/m ¹) 2500 ppm (10% LEL) USA - IDLH - Occupational Exposure Limits S000 ng/m ³ NIOSH FEL (TVA) (ng/m ¹) 2500 ppm (10% LEL) USA - NOSH - Occupational Exposure Limits S000 ng/m ³ NIOSH FEL (TVA) (ng/m ¹) 2500 ppm (10% LEL) USA - NOSH - Occupational Exposure Limits S000 ng/m ³ NIOSH FRE (TVA) (ng/m ¹) 2500 ppm (10% LEL) USA - ACCH - Occupational Exposure Limits S000 ng/m ³ NIOSH ACCUPAC OCCupational Exposure Limits S000 ng/m ³ Local name Titanium dioxide (Total dust) Oradinal Exposure Limits S000 ng/m ³ USA - NOSH - Occupational Exposure Limits S000 ng/m ³ USA - NOSH - Occupational Exposure Limits S000 ng/m ³ USA - NOSH - Occupational Exposure Limits S000 ng/m ³ USA - NOSH - Occupational Exposure Limits S000 ng/m ³ USA - NOSH - Occupational Exposure Limits S000 ng/m ³		
Binological Exposure Indices (BET) 25 mg/H Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific) USA OPA - Occupational Exposure Limits USA - NDA - Occupational Exposure Limits Bisphenol - Applichtorohydrin polymer (25069-86-) No additional information available Trainalum dioxide (14836-87-7) USA - ACGIH - Occupational Exposure Limits Local name ACGIH TWA (mg/m ³) 10 mg/m ³ 10 mg/m ³ 1		
USA CoPHA - Occupational Exposure Limits OSHA PEL (TWA) (topim) 1000 ppm USA - NOSH - Occupational Exposure Limits NIGSH REL (TWA) (topim) 250 ppm (10% LEL) USA - NOSH - Occupational Exposure Limits NIGSH REL (TWA) (topim) 250 ppm Bisphenol A-epichtorohydrin polymer (2506:3-8-6) No additional information available Titanium dioxide (1346:3-67.7) USA - ACCH - Occupational Exposure Limits NoGH HEL (TWA) (topim) 10 mg/m ¹ Pamark (ACGH) 11 million OGH A Cocupational Exposure Limits Local name ACGH + Occupational Exposure Limits Local name ACGH + Occupational Exposure Limits USA - ACH - Occupational Exposure Limits USA - ACH - Occupational Exposure Limits USA - ACH - Occupational Exposure Limits USA - NOSH - Occupational Exposur		25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)
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USA - ACGIH - Occupational Exposure Limits Titanium dioxide Local name Titanium dioxide ACGIH TWA (mg/m ²) 10 mg/m ² Remark (ACGIH) TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen) ACGIH chemical category Not Classifiable as a Human Carcinogen Regulatory reference ACGIH 2020 USA - Oscupational Exposure Limits Itanium dioxide (Total dust) Local name Titanium dioxide (Total dust) OSHA PEL (TWA) (mg/m ³) 15 mg/m ³ (total dust) Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 USA - IOLH - Occupational Exposure Limits USA - NOSH - Occupational Exposure Limits VIGH REL (TWA) (mg/m ³) 5000 mg/m ³ USA - NOSH - Occupational Exposure Limits Vigenes (or, m. p. isomers) (130-20-7) USA - ACGIH - Doccupational Exposure Limits Vigenes (or, m. p. isomers) (130-20-7) USA - ACGIH - Biological Exposure Indices Biological Exposure Indices Biological Exposure Indices (BEI) 1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: enc of shift USA - ACGIH - Biological Exposure Limits Scha PEL (TWA) (mg/m ³) 435 mg/m ³ OSHA PEL (TWA) (mg/m ³)<		
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OSHA PEL (TWA) (ppm)100 ppmRegulatory reference (US-OSHA)OSHA Annotated Table Z-1Methyl isoamyl ketone (110-12-3)USA - ACGIH - Occupational Exposure LimitsACGIH TWA (ppm)20 ppmACGIH STEL (ppm)50 ppmUSA - OSHA - Occupational Exposure Limits50 ppmOSHA PEL (TWA) (mg/m³)475 mg/m³OSHA PEL (TWA) (ppm)100 ppmUSA - NIOSH - Occupational Exposure Limits100 ppmNIOSH REL (TWA) (mg/m³)240 mg/m³NIOSH REL (TWA) (mg/m³)50 ppmUSA - NIOSH - Occupational Exposure Limits50 ppmNIOSH REL (TWA) (mg/m³)50 ppmNIOSH REL (TWA) (mg/m³)50 ppm1-Butanol (71-36-3)50 ppmUSA - ACGIH - Occupational Exposure Limits50 ppm	OSHA PEL (TWA) (mg/m ³)	
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Methyl isoamyl ketone (110-12-3) USA - ACGIH - Occupational Exposure Limits ACGIH TWA (ppm) 20 ppm ACGIH STEL (ppm) 50 ppm USA - OsHA - Occupational Exposure Limits 50 ppm OSHA PEL (TWA) (mg/m ³) 475 mg/m ³ OSHA PEL (TWA) (ppm) 100 ppm USA - NIOSH - Occupational Exposure Limits 100 ppm NIOSH REL (TWA) (mg/m ³) 240 mg/m ³ NIOSH REL (TWA) (ppm] 50 ppm USA - ACGIH - Occupational Exposure Limits 50 ppm	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - ACGIH - Occupational Exposure Limits ACGIH TWA (ppm) 20 ppm ACGIH STEL (ppm) 50 ppm USA - OSHA - Occupational Exposure Limits 50 ppm OSHA PEL (TWA) (mg/m ³) 475 mg/m ³ OSHA PEL (TWA) (ppm) 100 ppm USA - NIOSH - Occupational Exposure Limits 100 ppm NIOSH REL (TWA) (mg/m ³) 240 mg/m ³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits	Methyl isoamyl ketone (110-12-3)	
ACGIH TWA (ppm)20 ppmACGIH STEL (ppm)50 ppmUSA - OSHA - Occupational Exposure LimitsOSHA PEL (TWA) (mg/m³)475 mg/m³OSHA PEL (TWA) (ppm)100 ppmUSA - NIOSH - Occupational Exposure LimitsNIOSH REL (TWA) (mg/m³)240 mg/m³NIOSH REL (TWA) (mg/m³)50 ppm1-Butanol (71-36-3)USA - ACGIH - Occupational Exposure Limits	USA - ACGIH - Occupational Exposure Limits	
ACGIH STEL (ppm) 50 ppm USA - OSHA - Occupational Exposure Limits 0 OSHA PEL (TWA) (mg/m³) 475 mg/m³ OSHA PEL (TWA) (ppm) 100 ppm USA - NIOSH - Occupational Exposure Limits 100 ppm NIOSH REL (TWA) (mg/m³) 240 mg/m³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits	ACGIH TWA (ppm)	20 ppm
USA - OSHA - Occupational Exposure Limits OSHA PEL (TWA) (mg/m³) 475 mg/m³ OSHA PEL (TWA) (ppm) 100 ppm USA - NIOSH - Occupational Exposure Limits NIOSH REL (TWA) (mg/m³) 240 mg/m³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		
OSHA PEL (TWA) (mg/m³) 475 mg/m³ OSHA PEL (TWA) (ppm) 100 ppm USA - NIOSH - Occupational Exposure Limits 100 ppm NIOSH REL (TWA) (mg/m³) 240 mg/m³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		
OSHA PEL (TWA) (ppm) 100 ppm USA - NIOSH - Occupational Exposure Limits NIOSH REL (TWA) (mg/m³) 240 mg/m³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		475 mg/m ³
USA - NIOSH - Occupational Exposure Limits NIOSH REL (TWA) (mg/m³) 240 mg/m³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		
NIOSH REL (TWA) (mg/m³) 240 mg/m³ NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		
NIOSH REL (TWA) [ppm] 50 ppm 1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		240 ma/m ³
1-Butanol (71-36-3) USA - ACGIH - Occupational Exposure Limits		
USA - ACGIH - Occupational Exposure Limits		
	. ,	
		20 ppm

USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) (mg/m ³)	300 mg/m ³
OSHA PEL (TWA) (ppm)	100 ppm
USA - IDLH - Occupational Exposure Limits	
US IDLH (ppm)	1400 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (ceiling) (mg/m ³)	150 mg/m ³
NIOSH REL (Ceiling) [ppm]	50 ppm
US-NIOSH chemical category	Potential for dermal absorption
Ethylbenzene (100-41-4)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - ACGIH - Biological Exposure Indices	
Biological Exposure Indices (BEI)	0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific)
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl benzene
OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA PEL (TWA) (ppm)	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1 OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
US IDLH (ppm)	800 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA) (mg/m³)	435 mg/m ³
NIOSH REL (TWA) [ppm]	100 ppm
NIOSH REL (STEL) (mg/m ³)	545 mg/m ³
NIOSH REL (STEL) [ppm]	125 ppm
Talc (14807-96-6)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no asbestos fibers
USA - OSHA - Occupational Exposure Limits	
Local name	Talc (not containing asbestos) (Silicates (less than 1% crystalline silica))
OSHA PEL (TWA) (ppm)	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
USA - IDLH - Occupational Exposure Limits	
US IDLH (mg/m ³)	1000 mg/m ³ (containing no asbestos and <1% quartz)
USA - NIOSH - Occupational Exposure Limits	1
NIOSH REL (TWA) (mg/m ³)	2 mg/m ³ (containing no Asbestos and <1% Quartz-respirable dust)
Solvent naphtha, petroleum, heavy aromatic (647-	42-94-5)
No additional information available	
n-Butyl acetate (123-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	n-Butyl acetate
ACGIH TWA (ppm)	50 ppm (Butyl acetates, all isomers)
ACGIH STEL (ppm)	150 ppm (Butyl acetates, all isomers)
Remark (ACGIH)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2020
USA - OSHA - Occupational Exposure Limits	
Local name	n-Butyl-acetate
OSHA PEL (TWA) (mg/m ³)	710 mg/m ³
OSHA PEL (TWA) (ppm)	150 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

USA - IDLH - Occupational Exposure L	imits	
US IDLH (ppm)	1700 ppm (10% LEL)	
USA - NIOSH - Occupational Exposure	Limits	
NIOSH REL (TWA) (mg/m ³)	710 mg/m ³	
NIOSH REL (TWA) [ppm]	150 ppm	
NIOSH REL (STEL) (mg/m ³)	950 mg/m ³	
NIOSH REL (STEL) [ppm]	200 ppm	
8.2. Exposure controls		
Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.	
land 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.	

9.1.Information on basic physical and chemical propertyPhysical state: LiquidAppearance: Aerosol.Colour: GrayOdour: CharacterisOdour threshold: No data avapH: No data avaMelting point: No data avaFreezing point: No data ava	
Appearance: Aerosol.Colour: GrayOdour: CharacterisOdour threshold: No data avapH: No data avaMelting point: No data ava	c
Colour: GrayOdour: CharacterisOdour threshold: No data avapH: No data avaMelting point: No data ava	с
Odour : Characteris Odour threshold : No data ava pH : No data ava Melting point : No data ava	с
Odour threshold: No data avapH: No data avaMelting point: No data ava	0
pH : No data ava Melting point : No data ava	lable
Melting point : No data ava	
Freezing point : No data ava	
Boiling point : No data ava	
Flash point : < -18 °C (<	
Relative evaporation rate (butylacetate=1) : No data ava	,
	ammable aerosol.
Vapour pressure : No data ava	
Relative vapour density at 20 °C (68 °F) : No data ava	
Relative density : No data ava	lable
Density : 0.94 g/m ³	
Solubility : No data ava	lable
Partition coefficient n-octanol/water : No data ava	
Auto-ignition temperature : No data ava	
Decomposition temperature : No data ava	
Viscosity, kinematic : No data ava	
Viscosity, dynamic : No data ava	
Explosive limits : No data ava	
Explosive properties : No data ava	lable
Oxidising properties : No data ava	
9.2. Other information	
Gas group : Press. Gas (ia)
Flame projection length : >75 cm < 10	• *
Flackback : Possible	0.11

cording to the Hazard Communication Standard	(CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015
SECTION 10: Stability and react	ivity
0.1. Reactivity	
lo dangerous reactions known under nor	al conditions of use.
0.2. Chemical stability	
xtremely flammable aerosol. Contents ur hock, friction, fire or other sources of igni	der pressure. Container may explode if heated. Do not puncture. Do not burn. Extreme risk of explosion bon.
0.3. Possibility of hazardous react	ons
o dangerous reactions known under nor	al conditions of use.
0.4. Conditions to avoid	
eat. Sparks. Open flame. Direct sunlight.	Overheating. Incompatible materials.
0.5. Incompatible materials	
xidizing materials. Acids. Alkalis.	
5	dueto
0.6. Hazardous decomposition pro lay include, and are not limited to: oxides	
SECTION 11: Toxicological info	
1.1. Information on toxicological e	
cute toxicity (oral)	: Not classified.
cute toxicity (dermal)	: Not classified.
cute 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
LD50 dermal rabbit	> 15700 mg/kg
LC50 inhalation rat	50100 mg/m³ (Exposure time: 8 h)
Bisphenol A-epichlorohydrin polymer	(25068-38-6)
LD50 oral rat	11400 mg/kg
Xylenes (o-, m-, p- isomers) (1330-20-	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	> 4350 mg/kg
LC50 inhalation rat	29.08 mg/l/4h
LC50 Inhalation - Rat (Vapours)	27.57 mg/l/4h
Methyl isoamyl ketone (110-12-3)	
LD50 oral rat	> 3200 mg/kg
LD50 dermal rabbit LC50 inhalation rat	10 ml/kg 17.8 mg/l (Exposure time: 6 h)
1-Butanol (71-36-3) LD50 oral rat	700 malka
LD50 oral rat	700 mg/kg 3402 mg/kg
LC50 inhalation rat	> 8000 ppm/4h
Ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat	17.4 mg/l/4h
Solvent naphtha, petroleum, heavy ar	· ·
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2 ml/kg
LC50 inhalation rat	> 590 mg/m³ (Exposure time: 4 h)
n-Butyl acetate (123-86-4)	
LD50 oral rat	10768 mg/kg
LD50 dermal rabbit	> 17600 mg/kg
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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	: Suspected of causing cancer.

Xylenes (o-, m-, p- isomers) (1330-20-7)	
IARC group	3 - Not classifiable
Ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes
Talc (14807-96-6)	
IARC group	3 - Not classifiable
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: May cause drowsiness or dizziness.
Acetone (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.
Xylenes (o-, m-, p- isomers) (1330-20-7)	1
STOT-single exposure	May cause drowsiness or dizziness.
Methyl isoamyl ketone (110-12-3)	1
STOT-single exposure	May cause drowsiness or dizziness.
1-Butanol (71-36-3)	I
STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.
n-Butyl acetate (123-86-4)	1
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	Not classified.
Aspiration hazard	: Not classified.
2K Epoxy Primer Gray Improved	
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. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: May cause 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.
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.		
Dimethyl ether (115-10-6)			
LC50 fish 1	> 4.1 g/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])		
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])		

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

Acetone (67-64-1)					
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)				
Xylenes (o-, m-, p- isomers) (1330-20-7)					
LC50 fish 1	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])				
EC50 Daphnia 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])				
EC50 Daphnia 2	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)				
Methyl isoamyl ketone (110-12-3)					
LC50 fish 1	159 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])				
1-Butanol (71-36-3)					
LC50 fish 1	1730 – 1910 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])				
EC50 Daphnia 1	1983 mg/l (Exposure time: 48 h - Species: Daphnia magna)				
LC50 fish 2	1740 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])				
EC50 Daphnia 2	1897 – 2072 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])				
NOEC chronic crustacea	4.1 mg/l				
Ethylbenzene (100-41-4)					
LC50 fish 1	11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])				
EC50 Daphnia 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])				
NOEC chronic crustacea	0.956 mg/l				
Talc (14807-96-6)					
LC50 fish 1	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])				
Solvent naphtha, petroleum, heavy arom	natic (64742-94-5)				
LC50 fish 1	19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])				
EC50 Daphnia 1	0.95 mg/l (Exposure time: 48 h - Species: Daphnia magna)				
LC50 fish 2	2.34 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)				
n-Butyl acetate (123-86-4)					
LC50 fish 1	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])				
LC50 fish 2	17 – 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])				
2.2. Persistence and degradability					
· · ·					
2K Epoxy Primer Gray Improved	Netesteblished				
Persistence and degradability	Not established.				
2.3. Bioaccumulative potential					
2K Epoxy Primer Gray Improved					
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				
Xylenes (o-, m-, p- isomers) (1330-20-7)					
BCF fish 1	0.6 – 15				
Partition coefficient n-octanol/water	2.77 – 3.15				
Methyl isoamyl ketone (110-12-3) Partition coefficient n-octanol/water	1 00				
	1.88				
1-Butanol (71-36-3)					
1-Butanol (71-36-3) BCF fish 1	0.64				
1-Butanol (71-36-3) BCF fish 1 Partition coefficient n-octanol/water	0.64 0.785 (at 25 °C)				
1-Butanol (71-36-3) BCF fish 1					

2K Epoxy Primer Gray

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

Ethulhanzana (400, 44, 4)					
Ethylbenzene (100-41-4)					
Partition coefficient n-octanol/water	3.2				
Talc (14807-96-6)					
BCF fish 1	(no known bioaccumulation)				
Solvent naphtha, petroleum, heavy aromatic (64742-94-5)					
BCF fish 1	61 – 159				
Partition coefficient n-octanol/water	2.9 – 6.1				
n-Butyl acetate (123-86-4)					
Partition coefficient n-octanol/water	1.81 (at 23 °C)				
12.4. Mobility in soil					
No additional information available					
12.5. Other adverse effects					
	. No other offects luceur				
Other information	: No other effects known.				
SECTION 13: Disposal consideratior	ns				
13.1. Waste treatment methods					
Product/Packaging disposal recommendations	 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Container under pressure. Do not drill or burn even after use. 				
Additional information	: Flammable vapours may accumulate in the container.				
SECTION 14: Transport information					
Department of Transportation (DOT) and Tran	isportation of Dangerous Goods (TDG)				
In accordance with DOT/TDG					
	: UN1950				
UN-No.(DOT/TDG)					
UN-NO.(DOT/TDG) Proper Shipping Name (DOT/TDG)	: Aerosols				



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 Ethylbenzene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Revision date	: 09/21/2020			
Other information	: None.			
Prepared by	: Nexreg Compliance Inc. www.Nexreg.com	N E X R E G		
09/21/2020			EN (English)	10/11

2K Epoxy Primer Gray

Safety Data Sheet

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

SDS HazCom 2012 - WHMIS 2015 (NexReg)

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