

Safety Data Sheet RLW1KAL-US-SDS

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 09/02/2020 Revision date: 12/09/2020 Version: 1.1

SECTION 1: Identification

Identification

Product form : Mixture

: RAPTOR 1K TRUCK BED COATING WHITE AEROSOL Trade name

UP Number UP4877

Recommended use and restrictions on use

: Coatings and paints, thinners, paint removers Use of the substance/mixture

Recommended use : Coating

1.3. Supplier

U-POL US Inc 108 Commerce Way

Easton, PA 18040 - United States T 1-800-340-7824 - F 1-800-787-5150 technicalsupport@u-pol.com - www.u-pol.com

Emergency telephone number

Emergency number : CHEMTREC - 1-800-424-9300

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

GHS US classification

Flammable aerosol Category 1 Extremely flammable aerosol

Gases under pressure Liquefied gas Contains gas under pressure; may explode if heated

Serious eye damage/eye irritation Category 2 Causes serious eye irritation Skin sensitization, Category 1 May cause an allergic skin reaction Carcinogenicity Category 2 Suspected of causing cancer

Specific target organ toxicity — Single exposure, Category May cause drowsiness or dizziness

3, Narcosis

Specific target organ toxicity (repeated exposure) May cause damage to organs through prolonged or repeated exposure

Category 2

GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)









Signal word (GHS US) : Danger

Hazard statements (GHS US) Extremely flammable aerosol

Contains gas under pressure; may explode if heated

May cause an allergic skin reaction Causes serious eye irritation May cause drowsiness or dizziness

Suspected of causing cancer

May cause damage to organs through prolonged or repeated exposure

If medical advice is needed, have product container or label at hand. Precautionary statements (GHS US)

Keep out of reach of children.

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. Pressurized container: Do not pierce or burn, even after use.

Do not breathe vapors, spray, fume. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area.

SDS ID: RLW1KAL-US-SDS 07/01/2021 EN (English US) Page 1

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves, protective clothing, eye protection.

If on skin. Wash with plenty of water.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If 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.

Store in a well-ventilated place. Keep container tightly closed.

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

2.3. Other hazards which do not result in classification

2.4. Unknown acute toxicity (GHS US)

3.31% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

1.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapors))

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
n-butyl methacrylate	(CAS-No.) 97-88-1	< 23	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335
Methyl methacrylate	(CAS-No.) 80-62-6	< 23	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335
n-butyl acetate	(CAS-No.) 123-86-4	5 – 23	Flam. Liq. 3, H226 STOT SE 3, H336
methyl acetate	(CAS-No.) 79-20-9	5 – 23	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
acetone	(CAS-No.) 67-64-1	5 – 23	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Xylene	(CAS-No.) 1330-20-7	< 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
Ethylbenzene	(CAS-No.) 100-41-4	< 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304
reaction mass of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)		< 5	Skin Sens. 1A, H317 Aquatic Chronic 2, H411
reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	(CAS-No.) 1065336-91-5	< 5	Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 2/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs:

Get medical advice/attention.

First-aid measures after eye contact : 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 : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Reactivity : Extremely flammable aerosol.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe vapors,

spray, fume. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: 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. Pressurized container: Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe vapors, spray, fume. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures : Contamina

: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 3/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Keep container tightly closed. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

methyl acetate (79-	20-9)		
ACGIH	Local name	Methyl acetate	
ACGIH	ACGIH OEL TWA [ppm]	200 ppm	
ACGIH	ACGIH OEL STEL [ppm]	250 ppm	
ACGIH	Remark (ACGIH)	TLV® Basis: Headache; dizziness; nausea; eye dam (degeneration of ganglion cells in the retina)	
ACGIH	Regulatory reference	ACGIH 2021	
OSHA	OSHA PEL (TWA) [1]	610 mg/m³	
OSHA	OSHA PEL (TWA) [2]	200 ppm	
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
n-butyl acetate (123	3-86-4)		
ACGIH	Local name	n-Butyl acetate	
ACGIH	ACGIH OEL TWA [ppm]	50 ppm	
ACGIH	ACGIH OEL STEL [ppm]	150 ppm	
ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr	
ACGIH	Regulatory reference	ACGIH 2021	
OSHA	OSHA PEL (TWA) [1]	710 mg/m³	
OSHA	OSHA PEL (TWA) [2]	150 ppm	
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Xylene (1330-20-7)	-		
ACGIH	Local name	Xylene, mixed isomers (Dimethylbenzene)	
ACGIH	ACGIH OEL TWA [ppm]	100 ppm	
ACGIH	ACGIH OEL STEL [ppm]	150 ppm	
ACGIH	Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI	
ACGIH	Regulatory reference	ACGIH 2021	
OSHA	OSHA PEL (TWA) [1]	435 mg/m ³	
OSHA	OSHA PEL (TWA) [2]	100 ppm	
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Ethylbenzene (100-	-41-4)		
ACGIH	Local name	Ethylbenzene	
ACGIH	ACGIH OEL TWA [ppm]	20 ppm	
ACGIH	Remark (ACGIH)	TLV® Basis: URT irr; kidney dam (nephropathy); cochlear impair. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI	
ACGIH	Regulatory reference	ACGIH 2021	
OSHA	OSHA PEL (TWA) [1]	435 mg/m³	
OSHA	OSHA PEL (TWA) [2]	100 ppm	
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
n-butyl methacryla	te (97-88-1)	<u> </u>	
Not applicable	,		

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 4/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methyl methacrylate ((80-62-6)	
ACGIH	Local name	Methyl methacrylate
ACGIH	ACGIH OEL TWA [ppm]	50 ppm
ACGIH	ACGIH OEL STEL [ppm]	100 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: URT & eye irr; body weight eff; pulm edema. Notations: DSEN; A4 (Not classifiable as a Human Carcinogen)
ACGIH	Regulatory reference	ACGIH 2021
OSHA	OSHA PEL (TWA) [1]	410 mg/m³
OSHA	OSHA PEL (TWA) [2]	100 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
acetone (67-64-1)		
ACGIH	Local name	Acetone
ACGIH	ACGIH OEL TWA [ppm]	250 ppm
ACGIH	ACGIH OEL STEL [ppm]	500 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH	Regulatory reference	ACGIH 2021
OSHA	OSHA PEL (TWA) [1]	2400 mg/m³
OSHA	OSHA PEL (TWA) [2]	1000 ppm
USHA		

reaction mass of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

Not applicable

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

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 5/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : aerosol.
Color : white
Odor : aromatic

Odor threshold : No data available pH : No data available Melting point : No data available Freezing point : No data available Boiling point : No data available Flash point : No data available Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available Density 0.855 kg/m³ : No data available Solubility Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature : No data available : No data available Decomposition temperature No data available Viscosity, kinematic : No data available : No data available Viscosity, dynamic : No data available **Explosion limits** : No data available Explosive properties : No data available Oxidizing properties

9.2. Other information

Gas group : Press. Gas (Liq.)

 As Packaged Regulatory VOC
 : 517 g/l (4.3 lbs/gal)

 As Packaged Actual VOC
 : 469 g/l (3.9 lbs/gal)

 As Applied Regulatory VOC
 : 517 g/l (4.3 lbs/gal)

 As Applied Actual VOC
 : 469 g/l (3.9 lbs/gal)

 Water Content
 0 wt%

 Exempt Compounds by volume
 : 9.2 vol %

 Exempt Compounds by weight
 : 10.0 wt%

 Volatiles
 : 64.4 wt%

 % EPA HAPS
 : 4.1 wt%

 Percent Solids
 : 35.64 wt%

 Percent Solids
 : 23.18 vol %

Maximum Incremental Reactivity (MIR) : 0.68

MIR EPA Aerosol Category : Flat Coating - FCP 1.2

MIR CARB Aerosol Category : Flat Coating - General Coatings - FCP 0.8

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol.

10.2. Chemical stability

Stable under normal conditions.

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 6/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

Unknown acute toxicity (GHS US)

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11	1	Information	on toxico	Indical	offects
		IIIIOIIIIauoi	I UII LUXICU	iouicai	enecis

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

	1.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapors))	
methyl acetate (79-20-9)		
LD50 oral rat	6482 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LC50 Inhalation - Rat	49 mg/l	
ATE US (oral)	6482 mg/kg body weight	
ATE US (vapors)	49 mg/l/4h	
ATE US (dust, mist)	49 mg/l/4h	

3.31% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

. ,	<u> </u>	
n-butyl acetate (123-86-4)		
LD50 oral rat	10760 – 12789 mg/kg body weight (Equivalent or similar to OECD 423, Rat, Male / female, Experimental value, Oral)	
LD50 dermal rabbit	14112 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male / female, Experimental value, Dermal)	
LC50 Inhalation - Rat [ppm]	390 ppm/4h	
ATE US (oral)	10760 mg/kg body weight	
ATE US (dermal)	14112 mg/kg body weight	
ATE US (gases)	390 ppmV/4h	

Xylene (1330-20-7)	
LD50 oral rat	3523 mg/kg body weight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	12126 mg/kg (Non-GLP, read-across from supporting substance, single dermal dose under occlusion followed by observation for 14 days)
LD50 dermal rabbit	12126 mg/kg body weight Animal: rabbit, Animal sex: male
LC50 Inhalation - Rat [ppm]	6700 ppm/4h (EU Method B.2 (Acute Toxicity (Inhalation)), 4h, rat, male)
ATE US (oral)	3523 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
ATE US (gases)	6700 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	15432 mg/kg body weight (24 h, Rabbit, Male, Experimental value, Dermal)
LC50 Inhalation - Rat	17.8 mg/l (4 h, Rat, Male, Experimental value, Inhalation (vapours))
ATE US (oral)	3500 mg/kg body weight
ATE US (dermal)	15432 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	17.8 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 7/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methyl methacrylate (80-62-6)		
LD50 oral rat	7900 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg body weight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LC50 Inhalation - Rat [ppm]	4632 ppm/4h	
ATE US (oral)	7900 mg/kg body weight	
ATE US (gases)	4632 ppmV/4h	
acetone (67-64-1)		
LD50 oral rat	5800 mg/kg body weight Animal: rat, Animal sex: female	
LD50 dermal rabbit	20000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal)	
LC50 Inhalation - Rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4	
ATE US (oral)	5800 mg/kg body weight	
ATE US (dermal)	20000 mg/kg body weight	
reaction mass of bis(1,2,2,6,6-pentamethyl-4-	piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)	
LD50 oral rat	3230 mg/kg (OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), rat, male/female)	
LD50 dermal rat	> 3170 mg/kg (OECD Guideline 402 (Acute Dermal Toxicity), read-across,	
ATE US (oral)	3230 mg/kg body weight	
)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- yl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- e)	
LD50 oral rat	> 5000 mg/kg (OECD Guideline No. 401 (equivalent to Annex V), limit test, rat, male/female)	
LD50 dermal rat	> 2000 mg/kg (OECD Guideline No. 402 (equivalent to Annex V), limit test, rat, male/female)	
LC50 Inhalation - Rat	5800 mg/l (OECD Guideline 403, 14d, rat)	
ATE US (vapors)	5800 mg/l/4h	
ATE US (dust, mist)	5800 mg/l/4h	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitization	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Suspected of causing cancer.	
Xylene (1330-20-7)		
IARC group	3 - Not classifiable	
Ethylbenzene (100-41-4)		
IARC group	2B - Possibly carcinogenic to humans	
•	, ,	
Methyl methacrylate (80-62-6)	2. Not clossifiable	
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	
STOT-single exposure	: May cause drowsiness or dizziness.	
(1.1	•	
methyl acetate (79-20-9)		
STOT-single exposure	May cause drowsiness or dizziness.	
n-butyl acetate (123-86-4)		
STOT-single exposure	May cause drowsiness or dizziness.	
Xylene (1330-20-7)		
TOT-single exposure May cause respiratory irritation.		
,	1 19 1111 111 1111 1111 1111 1111 1111 1111 1111	
n-butyl methacrylate (97-88-1)		
,	May cause respiratory irritation.	
n-butyl methacrylate (97-88-1)		

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 8/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

acetone (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.
TOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
methyl acetate (79-20-9)	
LOAEC (inhalation,rat,vapor,90 days)	2000 mg/l
NOAEC (inhalation,rat,vapor,90 days)	1057 mg/m³
Xylene (1330-20-7)	
LOAEL (oral,rat,90 days)	150 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Ethylbenzene (100-41-4)	
NOAEL (oral,rat,90 days)	75 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
n-butyl methacrylate (97-88-1)	
LOAEC (inhalation,rat,gas,90 days)	952 ppm Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
NOAEL (oral,rat,90 days)	120 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Aspiration hazard	: Not classified
/iscosity, kinematic	: No data available
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

SECTION 12: Ecological information

	~ 4		-		
1	7.1	_	ഥ	XIC	:ITV

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

methyl acetate (79-20-9)		
LC50 - Fish [1]	250 – 350 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
EC50 - Crustacea [1]	1026.7 mg/l Test organisms (species): Daphnia magna	
n-butyl acetate (123-86-4)		
LC50 - Fish [1]	18 mg/l Test organisms (species): Pimephales promelas	
EC50 - Crustacea [1]	44 mg/l Test organisms (species): Daphnia sp.	
LC50 - Fish [2]	62 mg/l (Leuciscus idus, static system)	
NOEC (chronic)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic crustacea	23 mg/l	
Xylene (1330-20-7)		
LC50 - Fish [1]	2.6 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 - Crustacea [1]	> 3.4 mg/l Test organisms (species): Ceriodaphnia dubia	
ErC50 algae	4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)	
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'	
Ethylbenzene (100-41-4)		
LC50 - Fish [1]	5.1 mg/l Test organisms (species): Menidia menidia	
EC50 - Crustacea [1]	1.8 – 2.4 mg/l (US EPA, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)	
LOEC (chronic)	1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'	
NOEC (chronic)	0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'	

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 9/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

n-butyl methacrylate (97-88-1)			
LC50 - Fish [1]	11 mg/l Test organisms (species): Pimephales promelas		
EC50 - Crustacea [1]	32 mg/l Test organisms (species): Daphnia magna		
LC50 - Fish [2]	5.57 mg/l Test organisms (species): Oryzias latipes		
Methyl methacrylate (80-62-6)			
LC50 - Fish [1]	> 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 - Crustacea [1]	69 mg/l Test organisms (species): Daphnia magna		
LC50 - Fish [2]	79 mg/l (Oncorhynchis mykiss, static system)		
LOEC (chronic)	68 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC (chronic)	37 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC chronic fish	9.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d'		
acetone (67-64-1)			
LC50 - Fish [1]	5540 mg/l (EU Method C.1, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Nominal concentration)		
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'		
	2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- nenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- rlene)		
LC50 - Fish [1]	2.8 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)		
EC50 - Crustacea [1]	4 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)		
ErC50 algae	> 100 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)		

methyl acetate (79-20-9)			
Persistence and degradability	• • •		
n-butyl acetate (123-86-4)			
Persistence and degradability	Readily biodegradable in water.		
ThOD	2.21 g O₂/g substance		
BOD (% of ThOD)	0.46		
Xylene (1330-20-7)			
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.		
Ethylbenzene (100-41-4)			
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.		
Biochemical oxygen demand (BOD)	1.44 g O₂/g substance		
Chemical oxygen demand (COD)	2.1 g O₂/g substance		
ThOD	3.17 g O₂/g substance		
n-butyl methacrylate (97-88-1)			
Persistence and degradability	Readily biodegradable in water.		
ThOD	2.36 g O₂/g substance		
acetone (67-64-1)			
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.		
Biochemical oxygen demand (BOD)	1.43 g O₂/g substance		
Chemical oxygen demand (COD)	1.92 g O₂/g substance		
ThOD	2.2 g O₂/g substance		
BOD (% of ThOD)	0.872 (20 day(s), Literature study)		

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 10/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Bioaccumulative potential

methyl acetate (79-20-9)			
BCF - Fish [1]	< 1 (Pisces, Literature study)		
Partition coefficient n-octanol/water (Log Pow)	0.18 (Experimental value, 20 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
n-butyl acetate (123-86-4)			
BCF - Fish [1]	15.3 (Calculated value)		
Partition coefficient n-octanol/water (Log Pow)	2.3 (Test data, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
Xylene (1330-20-7)			
BCF - Fish [1]	7.2 – 25.9 (56 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Read-across)		
Partition coefficient n-octanol/water (Log Pow)	3.2 (Read-across, 20 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
Ethylbenzene (100-41-4)			
BCF - Fish [1]	1 (6 week(s), Oncorhynchus kisutch, Flow-through system, Salt water, Experimental value)		
Partition coefficient n-octanol/water (Log Pow)	3.6 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
n-butyl methacrylate (97-88-1)			
Partition coefficient n-octanol/water (Log Pow)	2.26 – 3.01		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
acetone (67-64-1)			
BCF - Fish [1]	0.69 (Pisces)		
BCF - Other aquatic organisms [1]	3 (BCFWIN, Calculated value)		
Partition coefficient n-octanol/water (Log Pow)	-0.24 (Test data)		
Bioaccumulative potential	Not bioaccumulative.		
reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)			
BCF - Fish [1]	2658 – 3430 (502 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value)		
Partition coefficient n-octanol/water (Log Pow)	4.6 (Experimental value, Equivalent or similar to OECD 117, 25 °C)		
12.4. Mobility in soil			

methyl acetate (79-20-9)	
Surface tension	24 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.18 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.
n-butyl acetate (123-86-4)	
Surface tension	0.0163 N/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.268 – 1.844 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Low potential for adsorption in soil.
Xylene (1330-20-7)	
Surface tension	28.01 – 29.76 mN/m (25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.73 (log Koc, Equivalent or similar to OECD 121, Read-across)
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.
Ethylbenzene (100-41-4)	
Surface tension	71.2 mN/m (23 °C, 0.058 g/l, EU Method A.5: Surface tension)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.71 (log Koc, PCKOCWIN v1.66, QSAR)
Ecology - soil	Low potential for adsorption in soil. Toxic to soil organisms.

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 11/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

n-butyl methacrylate (97-88-1)		
Surface tension 0.03 N/m (20 °C)		
Ecology - soil	Low potential for adsorption in soil.	
acetone (67-64-1)		
Surface tension	0.0237 N/m	

12.5. Other adverse effects

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description (DOT) : UN1950 Aerosols, 2.1

UN-No.(DOT) : UN1950
Proper Shipping Name (DOT) : Aerosols

Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115

Hazard labels (DOT) : 2.1 - Flammable gas



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

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 Quantity Limitations Passenger aircraft/rail : 75 kg (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 150 kg

CFR 175.75)

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

Emergency Response Guide (ERG) Number : 126

Other information : No supplementary information available.

Transportation of Dangerous Goods

Transport document description (TDG) : UN1950 AEROSOLS, 2.1

UN-No. (TDG) : UN1950
Proper Shipping Name (TDG) : AEROSOLS

TDG Primary Hazard Classes : 2.1 - Class 2.1 - Flammable Gas

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 12/16

Safety Data Sheet

TDG Special Provisions

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

: 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 Passenger Carrying Road Vehicle or Passenger : 75 L

Carrying Railway Vehicle Index

Transport by sea

Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

UN-No. (IMDG) Proper Shipping Name (IMDG) : AEROSOLS Class (IMDG) : 2 - Gases

Air transport

Transport document description (IATA) : UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS

UN-No. (IATA) : 1950

Proper Shipping Name (IATA) : Aerosols, flammable

Class (IATA) : 2 - Gases

SECTION 15: Regulatory information

15.1. US Federal regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Xylene	CAS-No. 1330-20-7	< 5%
Ethylbenzene	CAS-No. 100-41-4	< 5%
methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2- methylpropenoate	CAS-No. 80-62-6	< 23%

methyl acetate (79-20-9) Listed on the United States TSCA (Toxic Substances Control Act) inventory

n-butyl acetate (123-86-4) Listed on the United States TSCA (Toxic Substances Control Act) inventory

CERCLA RQ 5000 lb

Xylene (1330-20-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on EPA Hazardous Air Pollutant (HAPS) Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 100 lb

Ethylbenzene (100-41-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on EPA Hazardous Air Pollutant (HAPS)

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 1000 lb

n-butyl methacrylate (97-88-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SDS ID: RLW1KAL-US-SDS 07/01/2021 EN (English US) 13/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methyl methacrylate (80-62-6)			
Listed on the United States TSCA (Toxic Sub- Listed on EPA Hazardous Air Pollutant (HAP	, ,		
Listed on EPA Hazardous Air Pollutant (HAP	S)		
CERCLA RQ	1000 lb		
acetone (67-64-1)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
CERCLA RQ	5000 lb		
reaction mass of bis(1,2,2,6,6-pentamethy	I-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)		
Listed on the United States TSCA (Toxic Sub	ostances Control Act) inventory		
	l-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- lenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- lene)		
Listed on the United States TSCA (Toxic Sub	ostances Control Act) inventory		
EPA TSCA Regulatory Flag	FRI - FRI - indicates a polymeric substance containing no free-radical initiator in its Inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used. PMN - PMN - indicates a commenced PMN substance. XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting		

15.2. International regulations

CANADA

methyl acetate (79-20-9)

Listed on the Canadian DSL (Domestic Substances List)

n-butyl acetate (123-86-4)

Listed on the Canadian DSL (Domestic Substances List)

Xylene (1330-20-7)

Listed on the Canadian DSL (Domestic Substances List)

Ethylbenzene (100-41-4)

Listed on the Canadian DSL (Domestic Substances List)

n-butyl methacrylate (97-88-1)

Listed on the Canadian DSL (Domestic Substances List)

Methyl methacrylate (80-62-6)

Listed on the Canadian DSL (Domestic Substances List)

acetone (67-64-1)

Listed on the Canadian DSL (Domestic Substances List)

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)

Listed on the Canadian DSL (Domestic Substances List)

reaction mass of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Ethylbenzene (100-41-4)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 14/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

MARNING:

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

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Ethylbenzene(100-41-4)	X				54 μg/day (inhalation); 41 μg/day (oral)	

Component	State or local regulations
methyl acetate(79-20-9)	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
n-butyl acetate(123-86-4)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City - Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
Xylene(1330-20-7)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City - Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
Ethylbenzene(100-41-4)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City - Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
n-butyl methacrylate(97-88-1)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
Methyl methacrylate(80-62-6)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S New York City - Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List
acetone(67-64-1)	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 12/09/2020

: 2 - Materials that, under emergency conditions, can cause NFPA health hazard

temporary incapacitation or residual injury.

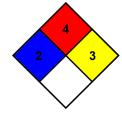
: 4 - Materials that rapidly or completely vaporize at NFPA fire hazard

atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.

: 3 - Materials that in themselves are capable of detonation NFPA reactivity or explosive decomposition or explosive reaction but that

require a strong initiating source or must be heated under

confinement before initiation.



SDS US GHS (GHS HazCom2012)

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 15/16

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

For professional use only.

The information contained within this Safety Data Sheet (SDS) is believed to be correct as of the date issued however it is subject to change from time to time. It does not purport to be all inclusive or exhaustive and shall only be used as a guide. U-POL makes no warranties, expressed or implied, including but not limited to, any implied of interest for a given purpose or usage. It is the Buyers exhaustive and shall only be used as a given. O-POL makes no warrantes, expressed or implied, including our not infinited to, any implied warranty or intriess for a given purpose or usage. It is the Buyers responsibility to ensure the suitability of the products for their own use and to check the information is up to date. U-POL cannot be held responsible for the suitability of use for any of its products, considering the wide range of factors such as application, substrates and handling methods. Since these conditions of use are outside of our control, the company shall not be held liable for any damage resulting from handling or from contact with the product detailed. Moreover, addition of reducers, hardeners or other additives over and above U-POL's recommendations for use, may substantially after the composition and hazards of the product. U-POL data sheets are available via the U-POL website at WWW.U-POL.COM.

07/01/2021 EN (English US) SDS ID: RLW1KAL-US-SDS 16/16