

Printing date 03/01/2022

#### 1: Identification

- · 1.1 Product identifier
- · Trade name: SILIKAL R 41
- · Article number: R 41
- · Application of the substance / the preparation: Reaction resin
- · 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Silikal America 609-B Fertilla Street Carrolton, GA 30117 Tel.: 770.830.1404 Fax.: 777.830.9213 info@silikalamerica.com
- Information department: Silikal America
   1.4 Emergency telephone number: INFOTRAC 1-800-535-5053

## 2: Hazard(s) identification

#### · 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008
  - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
- Skin Irrit. 2 H315 Causes skin irritation.
- Skin Sens. 1 H317 May cause an allergic skin reaction.
- STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

#### · 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

- The product is classified and labeled according to the CLP regulation.
- Hazard pictograms



GHS02 GHS07 GHS08

#### · Signal word Danger

· Hazard-determining components of labeling:

methyl methacrylate

- N,N-dimethyl-p-toluidine
- Hazard statements
- H225 Highly flammable liquid and vapor.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.

## · Precautionary statements

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P280 Wear protective gloves / eye protection / face protection.
- P314 Get medical advice/attention if you feel unwell.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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<ul> <li>Classification system:</li> <li>NFPA ratings (scale 0 - 4)</li> </ul>	(Contd. of page 1)
Health = 1 Fire = 3 Reactivity = 0	
HMIS-ratings (scale 0 - 4)	
HEALTH1Health = 1FIRE3Fire = 3REACTIVITY 0Reactivity = 0	
<ul> <li>• 2.3 Other hazards</li> <li>• Results of PBT and vPvB assessment</li> <li>• PBT: Not applicable.</li> <li>• vPvB: Not applicable.</li> </ul>	
3: Composition/information on ingredients	
<ul> <li>• 3.2 Chemical characterization: Mixtures</li> <li>• Description: Mixture of the substances listed below with nonhazardous additions.</li> </ul>	
Dangerous components:	

5	•				
	methyl methacrylate	50-100%			
	Flam. Liq. 2, H225;  Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335				
99-97-8	N,N-dimethyl-p-toluidine	0.5-2.5%			
	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT RE 2 H373; Flam. Liq. 4, H227	,			
· Addition	• Additional information: For the wording of the listed bazard phrases refer to section 16				

## Additional information: For the wording of the listed hazard phrases refer to section 16.

## 4: First-aid measures

## · 4.1 Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: Supply fresh air and to be sure call for a doctor.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eve contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

• After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor.

· 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

## 5: Fire-fighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:
- Foam
- Sand

CO2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture

Exothermic polymerization.

In case of fire, the following can be released:

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Hydrocarbons

Carbon monoxide and carbon dioxide

- 5.3 Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.
- Additional information Cool endangered receptacles with water spray.

#### 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Wear protective clothing. Keep away from ignition sources
- Use respiratory protective device against the effects of fumes/dust/aerosol.
- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

## 7: Handling and storage

· 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Fumes can combine with air to form an explosive mixture.

· 7.2 Conditions for safe storage, including any incompatibilities

- · Storage:
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

Store in cool, dry conditions in well sealed receptacles. Do not allow to enter sewers/ surface or ground water.

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Store receptacle in a well ventilated area. Protect from heat and direct sunlight.
- · Maximum storage temperature: 25 °C

· 7.3 Specific end use(s) No further relevant information available.

## 8: Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.

- · 8.1 Control parameters
- · Components with limit values that require monitoring at the workplace:

80-62-6	methyl	methacrylate
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- PEL Long-term value: 410 mg/m<sup>3</sup>, 100 ppm
- REL |Long-term value: 410 mg/m<sup>3</sup>, 100 ppm

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	(Contd. of page 3			
TLV Short-term value: 410 mg/m <sup>3</sup> , 1				
Long-term value: 205 mg/m <sup>3</sup> , 5 DSEN	o ppm			
99-97-8 N,N-dimethyl-p-toluidine				
WEEL Long-term value: 0.5 ppm				
	were valid during the creation were used as basis.			
	were valid during the creation were used as basis.			
8.2 Exposure controls				
Personal protective equipment: General protective and hygienic mea				
Keep away from foodstuffs, beverages				
Immediately remove all soiled and cont				
Wash hands before breaks and at the	end of work.			
Avoid contact with the eyes and skin.				
Breathing equipment:	and manifested to maintain air suchits is also the TLV			
	and monitored to maintain air quality below the TLV. red only when levels meet or exceed these values. A se			
contained breathing apparatus is requi				
Filter AX or Organic Vapour Cartridge.				
Recommended filter device for shor	t term use: Filter A			
Protection of hands:				
I IIII				
Protective gloves				
The glove material has to be imper	meable and resistant to the product/ the substance/ th			
preparation.	······································			
	sideration of the penetration times, rates of diffusion and th			
degradation (EN 374)				
Material of gloves Butyl rubber, BR				
Penetration time of glove material	e found out by the manufacturer of the protective gloves an			
has to be observed.				
For the mixture of chemicals mention	ed below the penetration time has to be at least 60 minute			
(Permeation according to EN 374 Part	3: Level 3).			
Eye protection:				
Tightly sealed goggles				
Body protection: Protective work cloth	ning			
9: Physical and chemical prop	perties			
9.1 Information on basic physical and chemical properties				
General Information				
Appearance:				
Form: Color:	Fluid Colorless			
Odor:	Characteristic			
Odor threshold:	Not determined.			
pH-value:	Not determined.			
•				
Change in condition				
	Undetermined.			
Change in condition Melting point/Melting range:	Undetermined. (Contd. on page 5			

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Boiling point/Boiling range:	100 °C (212 °F)
· Flash point:	10 °C (50 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	430.0 °C (806 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	2.1 Vol %
Upper:	12.5 Vol %
· Vapor pressure at 20 °C (68 °F):	47.0 hPa (35 mm Hg)
· Density at 20 °C (68 °F):	0.97 g/cm <sup>3</sup> (8.095 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wat	er): Not determined.
· Viscosity:	
Dynamic at 20 °C (68 °F):	20 mPas
Kinematic:	Not determined.
<ul> <li>9.2 Other information</li> </ul>	No further relevant information available.

## 10: Stability and reactivity

• 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

• Thermal decomposition / conditions to be avoided: Keep away from heat and direct sunlight.

No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions Exothermic polymerization.
- 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: Reacts with peroxides and other radical forming substances.
- 10.6 Hazardous decomposition products:

Hydrocarbons

Carbon monoxide and carbon dioxide

· Additional information: Do not allow to enter sewers/ surface or ground water.

## **11: Toxicological information**

## · 11.1 Information on toxicological effects

· Acute toxicity: Based on available data, the classification criteria are not met.

## · LD/LC50 values that are relevant for classification:

80-62-6	methyl	methacrylate
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	Oral	LD50	> 5000 mg/kg (rat)
	Dermal	LD50	> 5000 mg/kg (kan)
	Inhalative	LC50 (4h)	29.8 mg/l (rat)
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OralLC501650 mg/l (rat)DermalLD50>2000 mg/kg (rat)InhalativeLC50 (4h)1.5 mg/l (rat)Primary irritant effect: on the skin: Causes skin irritation. on the eye: Based on available data, the classification criteria are not met.Sensitization: May cause an allergic skin reaction. Additional toxicological information:Carcinogenic categoriesIARC (International Agency for Research on Cancer)80-62-6methyl methacrylate		l-dimethy	/l-p-toluidine	(Contd. of page
Inhalative       LC50 (4h)       1.5 mg/l (rat)         Primary irritant effect:       on the skin:       Causes skin irritation.         On the eye:       Based on available data, the classification criteria are not met.         Sensitization:       May cause an allergic skin reaction.         Additional toxicological information:       Carcinogenic categories         IARC (International Agency for Research on Cancer)       80-62-6         80-62-6       methyl methacrylate         128-37-0       2,6-di-tert-butyl-p-cresol         NTP (National Toxicology Program)       None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)       None of the ingredients is listed.         I2: Ecological information       I2: Ecological information         12: Toxicity       Aquatic toxicity:         80-62-6 methyl methacrylate       EC50 (48h)         69 mg/l (Daphnia magna)       EC50 (96h)         170 mg/l (Selenastrum capricornutum)       EC53 (16h)         100 mg/l (Pseudomonas pudita)       NOEC (72h)         > 10 mg/l (Selenastrum capricornutum)       LC50 (96h)         IC0 (96h)       i10 mg/l (fish)         99-97-8 NN-dimethyl-p-toluidine       LC0 (96h)         IC0 (96h)       i00 mg/l (fish)		-		
Primary irritant effect:       on the skin:         Causes skin irritation.       on the eye: Based on available data, the classification criteria are not met.         Sensitization:       May cause an allergic skin reaction.         Additional toxicological information:       Carcinogenic categories         IARC (International Agency for Research on Cancer)       80-62-6         80-62-6       methyl methacrylate         128-37-0       2,6-di-tert-butyl-p-cresol         NTP (National Toxicology Program)       None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)       None of the ingredients is listed.         12: Ecological information       Ecological information         12.1 Toxicity       Aquatic toxicity:         80-62-6 methyl methacrylate       Ecological information         ECS0 (96h)       170 mg/l (Selenastrum capricornutum)         ECS0 (96h)       100 mg/l (Selenastrum capricornutum)         ECS0 (96h)       100 mg/l (Selenastrum capricornutum)         LCS0 (96h)       > 79 mg/l (fish)         99-97-8 N,N-dimethyl-p-toludine       LCO (96h)         LC0 (96h)       100 mg/l (fish)         12.2 Persistence and degradability No further relevant information available.	Dermal L	.D50	>2000 mg/kg (rat)	
on the skin: Causes skin irritation. on the eye: Based on available data, the classification criteria are not met. Sensitization: May cause an allergic skin reaction. Additional toxicological information: Carcinogenic categories IARC (International Agency for Research on Cancer) 80-62-6 [methyl methacrylate 128-37-0] 2,6-di-tert-butyl-p-cresol NTP (National Toxicology Program) None of the ingredients is listed. OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed. 12: Ecological information 12: Ecological information 12: Toxicity Aquatic toxicity: 80-62-6 methyl methacrylate EC50 (96h) 170 mg/l (Selenastrum capricornutum) EC3 (16h) 100 mg/l (Selenastrum capricornutum) EC50 (96h) > 79 mg/l (fish) 99-97-8 N,N-dimethyl-p-toluidine LC0 (96h) 100 mg/l (fish) 12.2 Persistence and degradability No further relevant information available.	Inhalative L	.C50 (4h)	1.5 mg/l (rat)	
Causes skin irritation. on the eye: Based on available data, the classification criteria are not met. Sensitization: May cause an allergic skin reaction. Additional toxicological information: Carcinogenic categories IARC (International Agency for Research on Cancer) 80-62-6 methyl methacrylate 128-37-0 2,6-di-tert-butyl-p-cresol NTP (National Toxicology Program) None of the ingredients is listed. OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed. OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed. 12: Ecological information 12: Ecological information 12: Toxicity Aquatic toxicity: 80-62-6 methyl methacrylate EC50 (48h) 69 mg/l (Daphnia magna) EC50 (96h) 170 mg/l (Selenastrum capricornutum) EC3 (16h) 100 mg/l (Pseudomonas pudita) NOEC 37 mg/l (Daphnia magna) NOEC (72h) > 110 mg/l (Selenastrum capricornutum) LC50 (96h) > 79 mg/l (fish) 99-97-8 N,N-dimethyl-p-toluidine LC0 (96h) 100 mg/l (fish) 12.2 Persistence and degradability No further relevant information available.			d:	
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Sensitization:         May cause an allergic skin reaction.         Additional toxicological information:         Carcinogenic categories         IARC (International Agency for Research on Cancer)         80-62-6       methyl methacrylate         128-37-0       2,6-di-tert-butyl-p-cresol         NTP (National Toxicology Program)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         Cocupational Safety & Health Administration)         None of the ingredients is listed.         Cocupational Safety & Health Administration)         None of the ingredients is listed.         Cocupational Safety & Health Administration)         None of the ingredients is listed.         Sofe2-6 methyl methacrylate         EC50 (geh)       170 mg/l (Daphnia magna)         EC50 (96h)       170 mg/l (Selenastrum capricornutum)         EC3 (16h)       100 mg/l (Pseudomonas pudita)         NOEC       37 mg/l (Daphnia magna)         NOEC (72h)       > 110 mg/l (Selenastrum capri				
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Carcinogenic categories         IARC (International Agency for Research on Cancer)         80-62-6       methyl methacrylate         128-37-0       2,6-di-tert-butyl-p-cresol         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         Ost (Occupational Safety & Health Administration)         Note Colspan="2">Nether theorylate         EC50 (gical information         12: Ecological information         OSC (3				
IARC (International Agency for Research on Cancer)         80-62-6       methyl methacrylate         128-37-0       2,6-di-tert-butyl-p-cresol         NTP (National Toxicology Program)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         Ilit Ecological information         12: Ecological information         Ilit Toxicity         Aquatic toxicity:         80-62-6 methyl methacrylate         EC50 (48h)       69 mg/l (Daphnia magna)         EC50 (96h)       170 mg/l (Selenastrum capricornutum)         EC3 (16h)       100 mg/l (Pseudomonas pudita)         NOEC       37 mg/l (Daphnia magna)         NOEC (72h)       > 110 mg/l (Selenastrum capricornutum)         LC50 (96h)       > 79 mg/l (fish)         99-97-8 N,N-dimethyl-p-toluidine       ILC0 (96h)         LC0 (96h)       100 mg/l (fish)				
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128-37-0       2,6-di-tert-butyl-p-cresol         NTP (National Toxicology Program)         None of the ingredients is listed.         OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed.         12: Ecological information         12: I Toxicity         Aquatic toxicity:         80-62-6 methyl methacrylate         EC50 (96h)         170 mg/l (Selenastrum capricornutum)         EC3 (16h)         100 mg/l (Pseudomonas pudita)         NOEC         37 mg/l (Daphnia magna)         NOEC (72h)         > 110 mg/l (Selenastrum capricornutum)         LC50 (96h)         99-97-8 N,N-dimethyl-p-toluidine         LC0 (96h)       100 mg/l (fish)         12.2 Persistence and degradability No further relevant information available.	•			
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OSHA-Ca (Occupational Safety & Health Administration)         None of the ingredients is listed. <b>12: Ecological information 12: Ecological information 12: Ecological information 12: Toxicity Aquatic toxicity: 80-62-6 methyl methacrylate</b> EC50 (48h)         69 mg/l (Daphnia magna)         EC50 (96h)         170 mg/l (Selenastrum capricornutum)         EC3 (16h)         100 mg/l (Pseudomonas pudita)         NOEC (72h)         > 110 mg/l (Selenastrum capricornutum)         LC50 (96h)         > 79 mg/l (fish) <b>99-97-8 N,N-dimethyl-p-toluidine</b> LC0 (96h)         100 mg/l (fish) <b>12.2 Persistence and degradability</b> No further relevant information available.	NTP (Natio	nal Toxic	ology Program)	
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None of the ingredients is listed.         12: Ecological information         12:1 Toxicity         Aquatic toxicity:         80-62-6 methyl methacrylate         EC50 (48h)       69 mg/l (Daphnia magna)         EC50 (96h)       170 mg/l (Selenastrum capricornutum)         EC3 (16h)       100 mg/l (Pseudomonas pudita)         NOEC       37 mg/l (Daphnia magna)         NOEC (72h)       > 110 mg/l (Selenastrum capricornutum)         LC50 (96h)       > 79 mg/l (fish)         99-97-8 N,N-dimethyl-p-toluidine       LC0 (96h)         LC0 (96h)       100 mg/l (fish)         12.2 Persistence and degradability No further relevant information available.	OSHA-Ca (	Occupati	onal Safety & Health Administration)	
12: Ecological information         12.1 Toxicity         Aquatic toxicity:         80-62-6 met+yl methacrylate         EC50 (48h)         69 mg/l (Daphnia magna)         EC50 (96h)         170 mg/l (Selenastrum capricornutum)         EC30 (96h)         170 mg/l (Selenastrum capricornutum)         EC30 (96h)         NOEC (72h)         > 110 mg/l (Selenastrum capricornutum)         LC50 (96h)         > 79 mg/l (fish)         99-97-8 N,N-dimethyl-p-toluidine         LC0 (96h)         100 mg/l (fish)         12.2 Persisterce and degradability No further relevant information available.				
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LC0 (96h)100 mg/l (fish) <b>12.2 Persistence and degradability</b> No further relevant information available.	None of the 12: Ecolo 12.1 Toxicit Aquatic tox 80-62-6 met EC50 (48h) EC50 (96h) EC3 (16h) NOEC NOEC (72h)	ingredien ogical ir ty ticity: thyl meth 69 mg/l 170 mg. 100 mg. 37 mg/l ) > 110 m	nformation macrylate (Daphnia magna) /I (Selenastrum capricornutum) /I (Pseudomonas pudita) (Daphnia magna) mg/I (Selenastrum capricornutum)	
<b>12.2 Persistence and degradability</b> No further relevant information available.	None of the <b>12: Ecolo</b> <b>12.1 Toxicit</b> <b>Aquatic tox</b> <b>80-62-6 me</b> EC50 (48h) EC50 (96h) EC3 (16h) NOEC NOEC (72h) LC50 (96h)	ingredien ogical ir ty ticity: thyl meth 69 mg/l 170 mg, 100 mg, 37 mg/l ) > 110 m > 79 mg	nformation macrylate (Daphnia magna) /I (Selenastrum capricornutum) /I (Pseudomonas pudita) (Daphnia magna) mg/I (Selenastrum capricornutum) g/I (fish)	
<b>12.2 Persistence and degradability</b> No further relevant information available.	None of the <b>12: Ecolo</b> <b>12.1 Toxicit</b> <b>Aquatic tox</b> <b>80-62-6 met</b> EC50 (48h) EC50 (96h) EC3 (16h) NOEC NOEC (72h) LC50 (96h) <b>99-97-8 N,N</b>	ingredien Dgical ir ty ticity: thyl meth 69 mg/l 170 mg, 170 mg, 37 mg/l 37 mg/l > 110 m > 79 mg I-dimethy	ts is listed. nformation macrylate (Daphnia magna) /I (Selenastrum capricornutum) /I (Pseudomonas pudita) (Daphnia magna) ng/I (Selenastrum capricornutum) g/I (fish) /I-p-toluidine	
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· Additional ecological information:

· General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

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US

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#### Reviewed on 03/01/2022

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## 13: Disposal considerations

#### · 13.1 Waste treatment methods

### · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

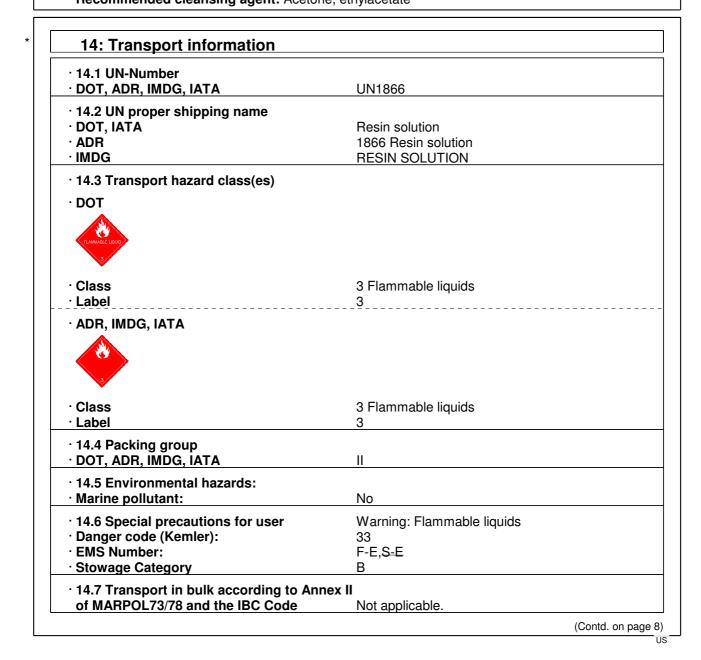
#### · Uncleaned packagings:

#### · Recommendation:

Packaging can be reused or recycled after cleaning.

Packagings that cannot be cleansed are to be disposed of in the same manner as the product. Disposal must be made according to official regulations.

• **Recommended cleansing agent:** Acetone, ethylacetate



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	(Contd. of page
<ul> <li>Transport/Additional information:</li> </ul>	
· ADR	
<ul> <li>Excepted quantities (EQ)</li> </ul>	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 n
·IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2
•••	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 n
· UN "Model Regulation":	UN 1866 RESIN SOLUTION, 3, II

15:	Regu	latory	inforr	nation
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· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

<ul> <li>Section 355</li> </ul>	(extremely	/ hazardous	substances):	:

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

80-62-6 methyl methacrylate

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

99-97-8 N,N-dimethyl-p-toluidine

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

80-62-6 methyl methacrylate

• TLV (Threshold Limit Value established by ACGIH)

80-62-6 methyl methacrylate

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· AGW (German Workplace Threshold Value)

80-62-6 methyl methacrylate

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Printing date 03/01/2022

Reviewed on 03/01/2022

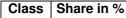
Trade name: SILIKAL R 41

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#### · National regulations:

Technical instructions (air):

50-100



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• Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. • 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Silikal America
- · Date of preparation / last revision 04/27/2016 / 5

 Abbreviations and acronyms: Flam. Liq. 2: Flammable liquids, Hazard Category 2 Flam. Liq. 4: Flammable liquids, Hazard Category 4 Acute Tox. 3: Acute toxicity, Hazard Category 3 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 \* Data compared to the previous version altered.

IS -