

# Liquid Roc 200, Comp. A

Revision date: 26.09.2018

Product code: SDS38US

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#### 1. Identification

#### Product identifier

Liquid Roc 200, Comp. A

#### Recommended use of the chemical and restrictions on use

#### Use of the substance/mixture

Adhesive mortar for fastening elements A-component (resin)

### Uses advised against

no restriction

#### Details of the supplier of the safety data sheet

Company name: Street: Place: Telephone: Internet: MKT Fastening LLC 1 Gunnebo Drive Lonoke, AR 72086 USA +1(501) 676 2222 Telefax:+1(50 www.mktfastening.com CHEMTREC USA: +1 800 424 9300 (24 hours, 7 days)

Telefax:+1(501) 676 2524

# Emergency phone number:

#### 2. Hazard(s) identification

#### **Classification of the chemical**

#### 29 CFR Part 1910.1200

Respiratory or skin sensitization: Skin Sens. 1

#### Label elements

#### 29 CFR Part 1910.1200

Signal word:

**Pictograms:** 



#### Hazard statements

May cause an allergic skin reaction

#### Precautionary statements

Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national/international regulation.

#### Hazards not otherwise classified

No information available.

#### 3. Composition/information on ingredients

#### <u>Mixtures</u>



according to 29 CFR 1910.1200(g)

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#### Hazardous components

CAS No	Components	Quantity
2082-81-7	Tetramethylene dimethacrylate	20.0 %
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	0.90 %
38668-48-3	1,1´-(p-Tolylimino)dipropan-2-ol	0.80 %
98-29-3	p-tert-Butylcatechol	0.10 %

#### 4. First-aid measures

#### **Description of first aid measures**

#### **General information**

Take off immediately all contaminated clothing and wash it before reuse.

#### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

#### After contact with skin

Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After indestion

Rinse mouth immediately and drink plenty of water.

#### Most important symptoms and effects, both acute and delayed

Allergic reactions

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5. Fire-fighting measures

#### **Extinguishing media**

#### Suitable extinguishing media

Extinguishing powder

Water spray jet

### Unsuitable extinguishing media

Full water jet

#### Specific hazards arising from the chemical

Pyrolysis products, toxic Carbon monoxide

#### Special protective equipment and precautions for fire-fighters

In case of fire and/or explosion do not breathe fumes.

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Supress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fume/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.



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#### Environmental precautions

Do not allow to enter into surface water or drains.

#### Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

#### Reference to other sections

Safe handling: see section 7 Personal protection equipment (PPE): see section 8 Disposal: see section 13

#### 7. Handling and storage

#### Precautions for safe handling

#### Advice on safe handling

Use only outdoors or in a well-ventilated area. When using do not eat, drink or smoke. Wash hands before breaks and after work.

#### Advice on protection against fire and explosion No special fire protection measures are necessary.

#### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place.

### Advice on storage compatibility

Do not use for products which come into contact with the food stuffs.

#### Further information on storage conditions

Keep container tightly closed in a cool place.

storage temperature 5 - 25°C (41-77 F)

### 8. Exposure controls/personal protection

#### **Control parameters**

#### Exposure limits

CAS No.	Substance	ppm	mg/m³	f/cc	Category	Origin
14808-60-7	Silica, crystalline (as respirable dust)	-	0.05		TWA (8 h)	REL
14808-60-7	Silica, crystalline - alpha-quartz (respirable fraction)		0.025		TWA (8 h)	ACGIH-2018
14808-60-7	Silica, crystalline quartz, respirable dust	(Z-3)	(Z-3)		TWA (8 h)	PEL
14808-60-7	Silica, crystalline quartz, total dust	-	(Z-3)		TWA (8 h)	PEL

#### Additional advice on limit values

A quartz contained is firmly bound in the pasty component, and thus not freely available during use, so that a risk of dust inhalation is excluded.

#### Exposure controls



Appropriate engineering controls not applicable



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#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

#### Eye/face protection

Wear eye protection/face protection. Safety goggles with side shields are recommended.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): 0,4mm NBR (Nitrile rubber) >480min (EN374) Wearing time with permanent contact 0,5mm NBR (Nitrile rubber) >480min (EN374)

#### Skin protection

Wear suitable protective clothing.

#### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Should a respirator be needed, follow OSHA regulation for respirator use (29 CFR 1910.134). Wear an air-purifying NIOSH-certified (or equivalent) respirator (with a high efficiency particulate filter) as needed.

#### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state: Color:	Paste light beige
pH-Value:	not determined
<b>Changes in the physical state</b> Melting point/freezing point: Initial boiling point and boiling range:	not determined not determined
Flash point:	not applicable
<b>Flammability</b> Solid: Gas:	not determined not applicable
Lower explosion limits: Upper explosion limits:	not determined not determined
<b>Auto-ignition temperature</b> Solid: Gas:	not determined not applicable
Decomposition temperature:	not determined
Oxidizing properties Not oxidising.	
Vapor pressure:	not determined
Density (at 20 °C):	1,77 g/cm³
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.



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Solubility in other solvents not determined		
Partition coefficient:	not determined	
Vapor density:	not determined	
Evaporation rate:	not determined	
Other information		
Solid content:	not determined	
10. Stability and reactivity		
Reactivity		

No hazardous reaction when handled and stored according to provisions.

#### **Chemical stability**

The product is stable under storage at normal ambient temperatures.

#### Possibility of hazardous reactions

No known hazardous reactions.

#### Conditions to avoid

none/none

### Incompatible materials

No information available.

### Hazardous decomposition products

No known hazardous decomposition products.

#### **11. Toxicological information**

#### Information on toxicological effects

MKT Fastening LLC



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#### Acute toxicity

CAS No	Components					
	Exposure route	Dose		Species	Source	Method
2082-81-7	Tetramethylene dim	ethacrylate				
	oral	LD50 mg/kg	>5000	Rat		
	dermal	LD50 mg/kg	>3000	Rabbit		
27813-02-1	Methacrylic acid, m	onoester with	n propane-1	,2-diol		
	oral	LD50 mg/kg	11200	Rat		
	dermal	LD50 mg/kg	> 5000	Rabbit		
38668-48-3	1,1´-(p-Tolylimino)dipropan-2-ol					
	oral	LD50 mg/kg	27,5	Rat		
	dermal	LD50 mg/kg	>2000			
98-29-3	p-tert-Butylcatechol					
	oral	LD50 mg/kg	815	Rat		
	dermal	LD50 mg/kg	1331	Rat		

Carcinogenicity (OSHA): Carcinogenicity (IARC): No ingredient of this mixture is listed.

Silica dust, crystalline, in the form of quartz or cristobalite (CAS 14808-60-7) is listed in group 1.

Carcinogenicity (NTP):

No ingredient of this mixture is listed.

#### Further information

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

#### 12. Ecological information

#### **Ecotoxicity**

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.

#### **Bioaccumulative potential**

The product has not been tested.

#### Mobility in soil

The product has not been tested.

#### Other adverse effects

No information available.

#### **Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

#### 13. Disposal considerations

#### Waste treatment methods



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#### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

#### 14. Transport information

#### US DOT 49 CFR 172.101

Proper shipping name:

Marine transport (IMDG)

UN number:

UN proper shipping name:

Transport hazard class(es):

Packing group:

Air transport (ICAO-TI/IATA-DGR)

#### UN number: UN proper shipping name:

Transport hazard class(es): Packing group: Not a hazardous material with respect to these transport regulations.

No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation. No dangerous good in sense of this transport regulation.

#### **Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### Special precautions for user

No information available.

# Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

#### 15. Regulatory information

#### U.S. Regulations

#### **National Inventory TSCA**

All ingredients of this mixture are included on the TSCA Inventory.

### National regulatory information

#### SARA Section 311/312 Hazards:

Tetramethylene dimethacrylate (2082-81-7): Immediate (acute) health hazard Methacrylic acid, monoester with propane-1,2-diol (27813-02-1): Immediate (acute) health hazard 1,1´-(p-Tolylimino)dipropan-2-ol (38668-48-3): Immediate (acute) health hazard p-tert-Butylcatechol (98-29-3): Immediate (acute) health hazard

#### State Regulations

#### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

#### Additional information

A quartz (silica) contained is firmly bound in the pasty component, and thus not freely available during use, so that a risk of dust inhalation is excluded, thus the product does not cause a carcinogenic effect. Silica is listed in the Prop 65 list.

### 16. Other information



according to 29 CFR 1910.1200(g)

	according to 29 CFR 1910.1200(g)	
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revision date. 20.09.2018		Page 8 of
Hazardous Materials Informat	ion Label (HMIS)	
Health:	2	
Physical Hazard:	1	
Personal Protection:	Х	
NFPA Hazard Ratings		
Health:	2	
Flammability:		
Reactivity:	1	
Unique Hazard:	-	$\checkmark$
Changes		
Revision date:	26.09.2018	
Revision No:	1,00,4	
This data sheet contains cha	anges from the previous version in section(s): 3,7,8,11,15,16.	
IARC: International Agency f IMDG: International Maritime LC50: Lethal concentration, LD50: Lethal dose, 50% NFPA: National Fire Protecti NIOSH: National Institute for NOEC: No Observed Effect NTP: National Toxicology Pro OECD: Oragnisation for Eco OSHA: Occupational Safety PEL: Permissible Exposure REL: Recommended Expose SARA: Superfund Amendme	uction of growth rate bort Association ds Regulations (DRG) for the air transport (IATA) or Research on Cancer a Code for Dangerous Goods 50% on Association Occupational Safety and Health Concentration ogram nomic Co-operation and Development and Health Administration Limit ure Limit	
TLV: Threshold Limit Values TSCA: Toxic Substances Co Other data	ntrol Act	
The above information desci	ibes exclusively the safety requirements of the product and is b	

present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)



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#### 1. Identification

### Product identifier

Liquid Roc 200, Comp. B

### Recommended use of the chemical and restrictions on use

#### Use of the substance/mixture

compound mortar B-component (hardener)

# Uses advised against

no restriction

#### Details of the supplier of the safety data sheet

Company name:	MKT Fastening LLC	
Street:	1 Gunnebo Drive	
Place:	Lonoke, AR 72086 USA	
Telephone:	+1(501) 676 2222	Telefax:+1(501) 676 2524
Internet:	www.mktfastening.com	
Emergency phone number:	CHEMTREC USA: +1 800 424 9	9300 (24 hours, 7 days)

#### 2. Hazard(s) identification

#### **Classification of the chemical**

#### 29 CFR Part 1910.1200

Respiratory or skin sensitization: Skin Sens. 1

#### Label elements

#### 29 CFR Part 1910.1200

Signal word:

**Pictograms:** 



#### **Hazard statements**

May cause an allergic skin reaction

#### **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. Dispose of contents/container in accordance with local/regional/national/international regulation.

#### Hazards not otherwise classified

No information available.

#### 3. Composition/information on ingredients

#### <u>Mixtures</u>

#### Hazardous components

CAS No	Components	Quantity
94-36-0	Dibenzoyl peroxide	7.0 %

### 4. First-aid measures



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#### Description of first aid measures

#### **General information**

Change contaminated, saturated clothing.

#### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

#### Most important symptoms and effects, both acute and delayed

Allergic reactions

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5. Fire-fighting measures

#### Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Extinguishing powder Water spray jet

#### Unsuitable extinguishing media

Full water jet

#### Specific hazards arising from the chemical

Pyrolysis products, toxic Carbon monoxide

#### Special protective equipment and precautions for fire-fighters

In case of fire and/or explosion do not breathe fumes.

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

#### Environmental precautions

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### Methods and material for containment and cleaning up

#### Take up mechanically.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### Reference to other sections

Safe handling: see section 7



according to 29 CFR 1910.1200(g)

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Personal protection equipment (PPE): see section 8 Disposal: see section 13

#### 7. Handling and storage

#### Precautions for safe handling

#### Advice on safe handling

Use only outdoors or in a well-ventilated area. When using do not eat, drink or smoke. Use protective skin cream before handling the product.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

#### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep/Store only in original container.

#### Advice on storage compatibility

Do not use for products which come into contact with the food stuffs. Store in a well-ventilated place. Keep cool.

#### Further information on storage conditions

Keep container tightly closed in a cool place. storage temperature 5 - 25°C (41-77 F)

#### 8. Exposure controls/personal protection

#### **Control parameters**

#### Exposure limits

CAS No.	Substance	ppm	mg/m³	f/cc	Category	Origin
94-36-0	Benzoyl peroxide	-	5		TWA (8 h)	PEL
		-	5		TWA (8 h)	REL
			5		TWA (8 h)	ACGIH-2018

#### Exposure controls





# Appropriate engineering controls

not applicable

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

#### Eye/face protection

Suitable eye protection:Wear eye/face protection.

Safety goggles with side shields are recommended.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is



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recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): 0,4mm NBR (Nitrile rubber) > 480min (EN 374) Wearing time with permanent contact 0,5mm NBR (Nitrile rubber) > 480min (EN 374)

#### **Skin protection**

Wear suitable protective clothing.

#### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Should a respirator be needed, follow OSHA regulation for respirator use (29 CFR 1910.134). Wear an air-purifying NIOSH-certified (or equivalent) respirator (with a high efficiency particulate filter) as needed.

#### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state:	Paste
Color:	black
Odor:	characteristic
pH-Value:	not applicable
Changes in the physical state	
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not applicable
Flammability	
Solid:	not determined
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature	
Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties Not oxidising.	
Vapor pressure:	not determined
Density:	1,77 g/cm³
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Solubility in other solvents not determined	
Partition coefficient:	not determined
Vapor density:	not determined
Evaporation rate:	not determined
Other information	
Solid content:	not determined



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#### 10. Stability and reactivity

#### **Reactivity**

see section 10.3

#### Chemical stability

The product is stable under storage at normal ambient temperatures.

#### Possibility of hazardous reactions

Violent reaction with: Oxidising agent

#### Conditions to avoid

see section 7.2

#### Incompatible materials

Oxidising agent, strong

#### Hazardous decomposition products

No known hazardous decomposition products.

#### **11. Toxicological information**

#### Information on toxicological effects

#### Acute toxicity

CAS No	Components					
	Exposure route	Dose	Spe	ecies	Source	Method
94-36-0	Dibenzoyl peroxide					
	oral	LD50 >50 mg/kg	00 Rat			

Carcinogenicity (OSHA):No ingredient of this mixture is listed.Carcinogenicity (IARC):Benzoyl peroxide (CAS 94-36-0) is listed in group 3.Carcinogenicity (NTP):No ingredient of this mixture is listed.

#### 12. Ecological information

#### **Ecotoxicity**

The product is not: Ecotoxic.

OECD 201 (Desmodesmus subspicatus ) IC10: (0 - 72h) = 60 mg/l IC50: (0 - 72h) = > 500 mg/l

OECD 202 (Daphnia magna (Big water flea) ) EC0/NOEC (48h) = 100 mg/l EC50 (48h) = > 500 mg/l EC100 (48h) = >> 500 mg/l

OECD 203 (Brachydanio rerio (zebra-fish) ) LC0/NOEC = 500 mg/l LC50 = > 500 mg/l LC100 = >>500 mg/l

#### Persistence and degradability

The product has not been tested.

#### **Bioaccumulative potential**

The product has not been tested.



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#### Mobility in soil

The product has not been tested.

# Other adverse effects

No information available.

#### **Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

#### 13. Disposal considerations

#### Waste treatment methods

#### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

#### 14. Transport information

#### US DOT 49 CFR 172.101

Proper shipping name:	Not a hazardous material with respect to these transport regulations.
Marine transport (IMDG)	
<u>UN number:</u>	No dangerous good in sense of this transport regulation.
UN proper shipping name:	No dangerous good in sense of this transport regulation.
Transport hazard class(es):	No dangerous good in sense of this transport regulation.
Packing group:	No dangerous good in sense of this transport regulation.
Air transport (ICAO-TI/IATA-DGR)	
<u>UN number:</u>	No dangerous good in sense of this transport regulation.
UN proper shipping name:	No dangerous good in sense of this transport regulation.
Transport hazard class(es):	No dangerous good in sense of this transport regulation.
Packing group:	No dangerous good in sense of this transport regulation.
Environmental hazards	
ENVIRONMENTALLY HAZARDOUS:	no
Special precautions for user	
No information available.	
Transport in bulk according to Annex II	of MARPOL 73/78 and the IBC Code
not applicable	
15. Regulatory information	

# U.S. Regulations

National Inventory TSCA All ingredients of this mixture are included on the TSCA Inventory. National regulatory information SARA Section 311/312 Hazards: Benzoyl peroxide (94-36-0): Reactive, Immediate (acute) health hazard SARA Section 313 Toxic release inventory: Benzoyl peroxide (94-36-0): De minimis limit = 1.0 %, Reportable threshold = Standard

#### **State Regulations**



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#### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

#### Additional information

A quartz (silica) contained is firmly bound in the pasty component, and thus not freely available during use, so that a risk of dust inhalation is excluded, thus the product does not cause a carcinogenic effect. Silica is listed in the Prop 65 list.

#### 16. Other information

Hazardous Materials Informat		
Health:	2	
Physical Hazard:	1	
Personal Protection:	X	
NFPA Hazard Ratings		
Health:	2	
Flammability: Reactivity:	1	2
Unique Hazard:	-	
Changes		
Revision date:	26.09.2018	
Revision No:	1,00,5	
This data sheet contains cha	anges from the previous version in section(s): 2,3,7,8,11.	
Abbreviations and acronyms		
-	ce of Governmental Industrial Hygienists	
CAS: Chemical Abstracts Se		
CFR: Code of Federal Regu		
EC50: Effective concentratio		
ErC50: EC50 in terms of rec IATA: International Air Trans		
	ds Regulations (DRG) for the air transport (IATA)	
IARC: International Agency		
	e Code for Dangerous Goods	
LC50: Lethal concentration,		
LD50: Lethal dose, 50%		
NFPA: National Fire Protect		
	r Occupational Safety and Health	
NOEC: No Observed Effect		
NTP: National Toxicology Pr	pnomic Co-operation and Development	
OSHA: Occupational Safety		
PEL: Permissible Exposure		
REL: Recommended Expos		
	ents and Reauthorization Act	
TLV: Threshold Limit Values		
TSCA: Toxic Substances Co	ontrol Act	
Other data		
I he above information desc	ribes exclusively the safety requirements of the product and is based o	n oı

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.



according to 29 CFR 1910.1200(g)

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)