

<b>QL - 108</b>	<b>Safety Data Sheet</b>	
Version: 2015 Rev. 0	according to Regulation 1907/2006/EC-REACH (GB)	
Release: SThelen, 03.08.15		

Trade Name: Katimex® Special adhesive for Polykat® Fiberglass-Rod (Extrem Fixkleber)  
Article Number: 103211 - 100217 - 101027  
Release Date: 28.11.2019 Revision Date: 07.11.2020  
Valid from: 01.12.2020 Date of Expiry: Not specified  
Version: 0.4 Replaces Version: 0.3

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Substance name/Trade name: Katimex® Extrem Fixkleber mittelviskos

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Adhesive for Katimex® Polykat® repair up to 6 mm diameter  
Uses advised against: All, except those mentioned above

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

Company	Katimex® Cielker GmbH Bahnhofstr. 50 DE - 54584 Jünkerath
	Tel +49 [0]6597 9277-0 Fax +49 [0]6597 9277-40 Mail info@katimex.de
Address enquiries for technical information	Productmanagement +49 [0]6597 9277-0 info@katimex.de

### 1.4 Emergency telephone number

Advisory body	Toxikologische Abteilung der II. Med. Klinik und Poliklinik, rechts der Isar Technische Universität München Ismaninger Straße 22 81675 München
	Tel: +49 [0]89 19240 (24h) (german & english)
	Fax: +49 [0]89 4140 2467 tox@lrz.tu-muenchen.de <a href="http://www.toxinfo.med.tum.de/inhalt/giftnotrufmuenchen">http://www.toxinfo.med.tum.de/inhalt/giftnotrufmuenchen</a>

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]  
No classification.

### 2.2 Label elements

Labelling according to Regulation (EC) Nr. 1272/2008  
The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms: -/-

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Signal word:	-/-
Contains:	-/-
Hazard statements:	-/-
Precautionary statements:	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Special labelling:	EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. EUH210 Safety data sheet available on request.
UFI:	-/-
Special labelling:	Contains: Mequinol. EUH208 May produce an allergic reaction.

<b>2.3 Other hazards</b>	
Human health dangers:	People who are allergic to cyanacrylates should avoid the use of the product.
Other hazards:	Further hazards were not determined with the current level of knowledge.

### 3. Composition / Information on ingredients

<b>3.1 Substances</b>	
Classification according to Regulation (EC) No. 1272/2008	
The product is a mixture.	

<b>3.2 Mixtures</b>	
Composition / Information on ingredients	
Substance:	2-methoxyethyl 2-cyanoacrylate
CAS-No.:	27816-23-5
EINECS/ELINCS:	248-670-5
Range:	> 85 - < 100
Substance:	Mequinol
CAS-No.:	150-76-5
EU-Index-No.:	604-044-00-7
EINECS/ELINCS:	205-769-8
Range:	0,1 - < 1

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GHS/CLP: Repr. 2: H361d - Acute Tox. 4: H302 - Eye Irrit. 2: H319 - Skin Sens. 1: H317 - Aquatic Chronic 3: H412

Substance: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

CAS-No.: 119-47-1,

EINECS/ELINCS: 204-327-1

Range: 0,1 - &lt; 1

GHS/CLP: Repr. 2: H361f - Aquatic Chronic 4: H413

Comment on component parts: Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%. For full text of H-statements: see SECTION 16.

**4. First aid measures****4.1 Description of first aid measures**

General information: Take off contaminated clothing and wash before reuse.

Inhalation: Ensure supply of fresh air. In the event of symptoms seek medical treatment.

Skin contact: Do not pull solidified product from skin forcibly. When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists. Eye contact Rinse cautiously

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not open bonded eyelids forcibly and without any special care. Shield unaffected eye.

Ingestion: Keep airways free. Do not induce vomiting. Get medical advice.

**4.2 Most important symptoms and effects, both acute and delayed**

No information available

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****5.1 Extinguishing media**

Suitable extinguishing media: Foam, dry powder, water spray jet, carbon dioxide.

Extinguishing media that must not be used: Full water jet

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**5.2 Special hazards arising from the substance or mixture**

Carbon monoxide (CO), irritant gases/vapours.  
Nitrogen oxides (NOx).

**5.3 Advice for firefighters**

Use self-contained breathing apparatus.  
Cool containers at risk with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment.  
High risk of slipping due to leakage/spillage of product.  
Keep away from all sources of ignition.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**6.3 Methods and material for containment and cleaning up**

Allow to solidify. Take up mechanically.  
Dispose of absorbed material in accordance within the regulations.

**6.4 Reference to other sections**

See SECTION 8+13

**7. Handling and storage**

**7.1 Precautions for safe handling**

Use only in well-ventilated areas.  
Keep away from all sources of ignition.  
Do not eat, drink or smoke when using this product.  
Wash hands before breaks and after work.  
Use barrier skin cream.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep only in original container.  
Keep away from water.  
Recommended storage temperature: 2-8 °C.  
Keep container tightly closed.  
Protect from atmospheric moisture and water.

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**7.3 Specific end use(s)**

See product use, SECTION 1.2

**8. Exposure controls / personal protection****8.1 Control parameters****8.1.1 Ingredients with occupational exposure limits to be monitored (GB)**

Substance: not applicable

**8.2 Exposure controls****8.2.1 Additional advice on system design**

Ensure adequate ventilation on workstation.  
Pay attention to dust limit value (ACGIH-2011: 10 mg/m<sup>3</sup> particle inhalable; 3 mg/m<sup>3</sup> particle respirable).

**8.2.2 Personal protective equipment:**

Eye- / Face protection: Safety glasses. (EN 166:2001)

Skin protection: Light protective clothing.

Hand protection: The details concerned are recommendations. Please contact the glove supplier for further information.

In full contact:

Glove material: Nitrile rubber

Layer thickness (mm): ≥ 0,4 mm

Penetration (min.): &gt;480 min (EN 374-1/-2/-3).

Other: Avoid contact with eyes and skin.  
Do not inhale gases/vapours.  
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection: Respiratory protection mask in the event of high concentrations. Short term: filter apparatus, filter A. (DIN EN 14387)

Thermal hazards: not applicable

**8.2.3 Delimitation and monitoring of the environmental exposition**

Comply with applicable environmental regulations limiting discharge to air, water and soil.

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**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form	liquid
Color	colourless
Odor	colourless
Odour threshold	not applicable
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	No information available.
Flash point [°C]	72 - 76
Flammability (solid,gas) [°C]	No information available
Lower explosion limit	No information available
Upper explosion limit	No information available
Oxidizing properties	No
Vapour pressure/gas pressure [kPa]	No information available
Density [g/ml]	1,12 (20 °C / 68,0 °F)
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	insoluble
Partition coefficient [n-octanol/water]	No information available
Viscosity	See product information
Relative vapour density [determined in air]	No information available
Evaporation speed	No information available
Melting point [°C]	No information available
Autoignition temperature [°C]	No information available
Decomposition temperature [°C]	No information available

**9.2 Other information**

No information available.

**10. Stability and reactivity****10.1 Reactivity**

See SECTION 10.3.

**10.2 Chemical stability**

Stable under normal ambient conditions (ambient temperature).

**10.3 Possibility of hazardous reactions**Reactions with acids, alkalis and oxidizing agents.  
Reactions with water. Risk of polymerisation.

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**10.4 Conditions to avoid**

Strong heating.  
 Water.  
 Polymerizes slowly on exposure to water (moisture).

**10.5 Incompatible materials**

See SECTION 10.3.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known

**11. Toxicological information****11.1 Information on toxicological effects****11.1.1 Substances**

Acute toxicity

Substance: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol, CAS: 119-47-1  
 LD50, oral, Rat: > 10000 mg/kg.

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

Skin corrosion/irritation May produce an allergic reaction. Calculation method

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity – single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity – repeated exposure Based on the available information, the classification criteria are not fulfilled.

Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks Toxicological data of complete product are not available. 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.

**12. Ecological information****12.1 Toxicity**

Substance 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol, CAS: 119-47-1  
 LC50, (96h), fish: > 50 mg/l.

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<b>12.2 Persistence and degradability</b>	
Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined
<b>12.3 Bioaccumulative potential</b>	
No information available.	
<b>12.4 Mobility in soil</b>	
No information available.	
<b>12.5 Results of PBT and vPvB assessment</b>	
No information available.	
<b>12.6 Other adverse effects</b>	
Ecological data of complete product are not available. Do not allow product to reach the drainage. The product is insoluble in water.	

### 13. Disposal considerations

<b>13.1 Waste treatment methods</b>	
Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.	
Product	Coordinate disposal with the authorities if necessary. Disposal in an incineration plant in accordance with the regulations of the local authorities.
Waste no. (recommended)	080499
Contaminated packaging	Untamminated packaging may be taken for recycling. Contaminated packing should be disposed of as product waste.
Waste no. (recommended)	150102 150101 150104



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**14. Transport information**

**14.1 UN-number**

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

**14.2 UN proper shipping name**

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"
Label	-/-

**14.3 Transport hazard class**

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

**14.4 Packing group**

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

**14.5 Environmental hazards**

Transport by land according to ADR/RID	No
Inland navigation (ADN)	No
Marine transport in accordance with IMDG	No
Air transport in accordance with IATA	No

**14.6 Special precautions for user**

Relevant information under SECTION 6 to 8.

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<b>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</b>
not applicable

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

ECC regulations:	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006(REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131;(EU) 517/2014
Transport regulations:	ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)
National regulations (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
Observe employment restrictions for people	no
VOC (2010/75/CE)	< 3%

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.
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## 16. Other information

### 16.1 Hazard statements Section 3:

H412 Harmful to aquatic life with long lasting effects. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H302 Harmful if swallowed. H361d Suspected of damaging the unborn child. H413 May cause long lasting harmful effects to aquatic life. H361f Suspected of damaging fertility.
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### 16.2 Abbreviations and acronyms:

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
RID	Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DMEL	Derived Minimum Effect Level
DNEL	Derived No Effect Level
EC50	Median effective concentration
ECB	European Chemicals Bureau
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals

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IATA	International Air Transport Association
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50	Inhibition concentration, 50%
IMDG	International Maritime Code for Dangerous Goods
IUCLID	International Uniform Chemical Information Database
LC50	Lethal concentration, 50%
LD50	Median lethal dose
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
PBT	Persistent, Bioaccumulative and Toxic substance
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV®/TWA	Threshold limit value – time-weighted average
TLV®STEL	Threshold limit value – short-time exposure limit
TRGS	Technische Regeln für Gefahrstoffe
VOC	Volatile Organic Compounds
vPvB	very Persistent and very Bioaccumulative

**16.4 Other information**

Customs Tariff

Classification procedure

Modified position

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