

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

# Aton Lab. 80

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

Relevant identified uses: Addition-cured lab moulding material  
Uses advised against: Other

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

#### Manufacturer

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3  
--  
D 72285 Pfalzgrafeweiler

Telephone +49 7445 8501 0  
Telefax: +49 7445 8501-15

#### Supplier

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3  
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D 72285 Pfalzgrafeweiler

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#### Information contact

ERKODENT Erich Kopp GmbH

Information telephone +49 7445 8501 21  
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E-mail (competent person) w.heuchert@erkodent.com  
Website www.erkodent.com

### 1.4. Emergency telephone number

ERKODENT Erich Kopp GmbH  
Only available during office hours.

Telephone +49 7445 8501 0

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008:

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

### 2.2. Label elements

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

Hazard pictograms

Signal word: -

Hazard statements: -

Precautionary statements: -

**Special labelling of particular preparations:**  
none

### 2.3. Other hazards

On basis of test data. This substance is classified as not hazardous according to 67/548/EEC.

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## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Contains: Filler, Crosslinker, Hardener (Platin)

### 3.2. Mixtures

Mixture with, among others, the following ingredients and other non-hazardous admixtures

#### Composition/information on ingredients

Substance:	CAS-No.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):	M, ATE, Note
Cristobalite	14464-46-1		60 - 70 %	STOT RE 2, H373	
Divinylpolydimethylsiloxane	68083-19-2		10 - 20 %	-	

(Full text of H- and EUH-statements: see section 16.)

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information:** No special measures are necessary.  
**In case of inhalation:** Provide fresh air. Seek medical attention if problems persist.  
**Following skin contact:** No special measures are necessary. Not an irritant.  
**After eye contact:** Rinse immediately carefully and thoroughly with eye-bath or water.  
**After ingestion:** Seek medical attention if problems persist.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Co-ordinate fire-fighting measures to the fire surroundings.  
**Unsuitable extinguishing media** Co-ordinate fire-fighting measures to the fire surroundings.

### 5.2. Special hazards arising from the substance or mixture

No information available.

### 5.3. Advice for firefighters

### General information

Co-ordinate fire-fighting measures to the fire surroundings.

### Special protective equipment for fire-fighters:

Co-ordinate fire-fighting measures to the fire surroundings.

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## SECTION 6: Accidental release measures

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

No special measures are necessary.

### 6.2. Environmental precautions

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

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

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.

### 6.4. Reference to other sections

This information is not available.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advices on safe handling

When using do not eat, drink or smoke.

#### Precautions against fire and explosion:

No special fire protection measures are necessary.

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

#### Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Put lids on containers immediately after use.

#### Hints on joint storage

No special precautionary measures are necessary.

### 7.3. Specific end use(s)

Observe instructions for use.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m <sup>3</sup> ]	Limitation of exposure peaks:	Remark:

#### Substance with a common (EC) occupational exposure limit value.

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m <sup>3</sup> ]	Limitation of exposure peaks:	Remark:

### DNEL-/PNEC-values

#### DNEL value

Substance:	CAS-No.:	DNEL/DMEL
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#### PNEC Value

Substance:	CAS-No.:	PNEC
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#### Additional information

none

## 8.2. Exposure controls

#### Occupational exposure controls:

none

#### General protection and hygiene measures:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Take off immediately all contaminated clothing.

#### Personal protection equipment

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

#### Respiratory protection

none

#### Hand protection

Single-use gloves. 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.

#### Eye/face protection

Tightly sealed safety glasses.

#### Body protection:

Body protection: not required.

#### Environmental exposure controls

refer to chapter 7. No further action is necessary. Do not allow to enter into surface water or drains.

#### Consumer exposure controls

refer to chapter 7. No further action is necessary.

#### Exposure Scenario:

none

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state:	Paste viscous
Colour:	XXXX
Odour:	characteristic
Odour threshold:	not determined

#### Safety relevant basis data

	parameter	Value	unit	Remark
Melting point/freezing point:				not determined
Initial boiling point and boiling				not determined

range:			
Flammability:			not determined
lower flammability or explosive limits:			not applicable
Upper flammability or explosive limits:			not applicable
Flash point:		>130 °C °C °C	
Ignition temperature:			none Risk of selfignition.
Decomposition temperature:			not determined
pH:			not determined
Kinematic viscosity:			not determined XXXX
Water solubility (g/L):			
Partition coefficient: n-octanol/water:			not determined
Vapour pressure:			not determined
Density:	approx.	1,8 g/cm <sup>3</sup>	
Relative density:			not applicable
Particle properties:			not determined

## 9.2. Other information

There are no data available on the mixture itself.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Polymerization.

### 10.2. Chemical stability

Chemicals/products that react together readily Hardener

### 10.3. Possibility of hazardous reactions

Polymerization.

### 10.4. Conditions to avoid

heat. UV-radiation/sunlight.

### 10.5. Incompatible materials

Heavy metals. Peroxides. NR (Natural rubber (caoutchouc), Natural latex).

### 10.6. Hazardous decomposition products

Hazardous decomposition products: none

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008

Toxicological data are not available.

M-factor:	--	Acute toxicity (dermal):	--
Acute toxicity (oral):	--	Acute toxicity (inhalative):	--

#### Acute toxicity

Substance:	CAS-No.:	Toxicological information
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**Skin corrosion/irritation:**

No data available

**Serious eye damage/irritation:**

No data available

**Respiratory or skin sensitisation:**

No known symptoms to date.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Carcinogenicity:

No indications of human carcinogenicity exist.

Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

Reproductive toxicity:

No indications of human reproductive toxicity exist.

**STOT-single exposure:**

No information available.

**STOT-repeated exposure:**

No information available.

**Aspiration hazard**

No data available

**Additional information**

**11.2. Information about other hazards**

**11.2.1 Endocrine disrupting properties**

**11.2.2 Other Information**

Data arise from reference works and literature.

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**SECTION 12: Ecological information**

**12.1. Toxicity**

Do not allow to enter into surface water or drains. There are no data available on the mixture itself.

**Ecotoxicity**

Substance:	CAS-No.:	Ecotoxicity
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**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6 Endocrine disruptive effect

### 12.7. Other adverse effects

There are no data available on the mixture itself.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Appropriate disposal/Product:

Dispose of waste according to applicable legislation.

#### Appropriate disposal / Package

Dispose of waste according to applicable legislation.

#### List of proposed waste codes / waste designations according to EWC / AVV

Dispose of waste according to applicable legislation.

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## SECTION 14: Transport information

### 14.1. UN number

UN No.: --

### 14.2. UN proper shipping name

Land transport (ADR/RID)

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Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

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### 14.3. Transport hazard class(es)

Hazard label(s) / Label: -- Classification code: / Classification Code: --

### 14.4. Packing group

Packing group/ Packing Group: --

### 14.5. Environmental hazards

ADR/RID / IMDG / ICAO-TI / IATA-DGR:  
Marine pollutant:

Yes

  

No

  

### 14.6. Special precautions for user

Land transport (ADR/RID)

transport category: -- tunnel restriction code: --  
Special provisions: -- Limited quantity (LQ): --

Sea transport (IMDG)

EmS-No: --

Special provisions: -- Limited quantity (LQ): --

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

**Remark** No dangerous good in sense of these transport regulations.

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## SECTION 15: Regulatory information

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

#### EU legislation

**Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer**  
No information available.

**Regulation (EU) No 649/2012 on the export and import of dangerous chemicals**  
No information available.

**The substance/product is registered with strictly controlled conditions as defined in Article 18(4) of Regulation (EC) No. 1907/2006 (REACH Regulation) and must therefore be handled as such.**  
No information available.

#### National regulations

Observe in addition any national regulations!

#### Restrictions of occupation

none There are no data available on the mixture itself.

Restrictions of occupation

**Not subject to StörfallVO.**

#### Solvents Regulation (31st BImSchV)

No information available.

#### Other regulations, restrictions and prohibition regulations

none

### 15.2. Chemical Safety Assessment

**For this preparation a chemical safety assessment has been carried out.**

For this substance a chemical safety assessment has not been carried out.

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## SECTION 16: Other information

#### Relevant H- and EUH-phrases (Number and full text):

##### Hazard statements

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#### Training advice

none

#### Recommended restrictions of use:

none

#### Further remarks:



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 storag

**Documentation of changes:**

none

**Key literature references and sources for data**

Data arise from reference works and literature.

**Abbreviations and acronyms**

none

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