

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.09.2015

Version: 3

Revision: 22.10.2014

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

#### 1.1 Product identifier

**Trade name:** SONAX Plastic Restorer - Black

**Article number:** 409100

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

##### Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Product category** PC9a Coatings and paints, thinners, paint removers

**Application of the substance / the mixture** Car care product

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

##### Manufacturer/Supplier:

SONAX GmbH

Münchener Straße 75

D-86633 Neuburg (Donau)

Tel.: ++49 (0)8431/53-0

##### Further information obtainable from:

Product safety

E-mail: [erp@sonax.de](mailto:erp@sonax.de)

Phone: + 49 (0) 8431 53 217

#### 1.4 Emergency telephone number: Emergency Phone Munich Tel.: +49 (0)89 19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** P102 Keep out of reach of children.

**Additional information:**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Pigmented acrylate dispersion - solvent-free.

##### Dangerous components:

CAS: 111-76-2	2-butoxyethanol	< 5%
EINECS: 203-905-0	☒ Xn R20/21/22; ☒ Xi R36/38	
Reg.nr.: 01-2119475108-36-xxxx	☒ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	

**Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:** Remove soiled clothing

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

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*In case of unconsciousness place patient stably in side position for transportation.*

**After skin contact:**

*Generally the product does not irritate the skin.*

*Wash the areas of skin affected with water and a mild detergent.*

**After eye contact:** *Rinse opened eye for several minutes under running water. Then consult a doctor.*

**After swallowing:** *Do not induce vomiting; call for medical help immediately.*

**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**

*Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.*

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

*Foam*

*Carbon dioxide*

*Fire-extinguishing powder*

*Water spray*

**5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*

**5.3 Advice for firefighters****Protective equipment:**

*The normal measures for firefighting are to be taken.*

*Do not inhale explosion gases or combustion gases.*

*Wear self-contained respiratory protective device.*

*Wear fully protective suit.*

**Additional information**

*Cool endangered receptacles with water spray.*

*Collect contaminated fire fighting water separately. It must not enter the sewage system.*

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures** *Ensure adequate ventilation*

**6.2 Environmental precautions:**

*Do not allow to penetrate the ground/soil.*

*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.*

*Flush away residues with water.*

**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.*

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** *No special precautions are necessary if used correctly.*

**Information about fire - and explosion protection:** *No special measures required.*

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

**Requirements to be met by storerooms and receptacles:** *Provide solvent resistant, sealed floor.*

**Information about storage in one common storage facility:** *Store away from foodstuffs.*

**Further information about storage conditions:**

*Keep container tightly sealed.*

*Store receptacle in a well ventilated area.*

*Protect from frost.*

*Recommended storage temperature: 20 °C.*

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

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****111-76-2 2-butoxyethanol**

WEL (Great Britain)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 123 mg/m <sup>3</sup> , 25 ppm Sk, BMGV
IOELV (EU)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm Skin

**DNELs****111-76-2 2-butoxyethanol**

Oral	DNEL	13.4 mg/kg (consumer) (acute effect)
		3.2 mg/kg (consumer) (chronic effect (24h))
Dermal	DNEL	44.5 mg/kg (consumer) (acute effects (24h))
		38 mg/kg (consumer) (chronic effect (24h))
		89 mg/kg (worker) (acute effect (24h))
Inhalative	DNEL	75 mg/kg (worker) (chronic effects (24h))
		426 mg/m <sup>3</sup> (consumer) (acute effects)
		123 mg/m <sup>3</sup> (consumer) (acute effect, local effects)
		49 mg/m <sup>3</sup> (consumer) (chronic effect)
		663 mg/m <sup>3</sup> (worker) (acute Effect)
		246 mg/m <sup>3</sup> (worker) (acute effect, local effects)
		98 mg/m <sup>3</sup> (worker) (chronic effects)

**PNECs****111-76-2 2-butoxyethanol**

PNEC	2.8 mg/kg (gro)
	8.14 mg/kg (sediment (fresh water))
	8.8 mg/l (water (fresh water))
	8.8 mg/l (water (sea water))

**Ingredients with biological limit values:****111-76-2 2-butoxyethanol**

BMGV (Great Britain)	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
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**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Suitable technical control devices**

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:**

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

**Protection of hands:** Not required in normal cases

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Eye protection: Not required in normal cases

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### SECTION 9: Physical and chemical properties

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

##### General Information

##### Appearance:

Form:	Fluid
Colour:	Black
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not determined.

##### Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature: >200 °C

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

##### Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure at 50 °C: 100 hPa

Density at 20 °C: 1.03 - 1.04 g/cm<sup>3</sup>

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with water:

Fully miscible.

Partition coefficient (n-octanol/water): Not determined.

##### Viscosity:

Flow time: 25 - 35 s (DIN 53211 / 4mm)

Dynamic: Not determined.

Kinematic: Not determined.

##### Solvent content:

VOC (EC): 126 g/l

9.2 Other information: No further relevant information available.

### SECTION 10: Stability and reactivity

10.1 Reactivity: No dangerous reactions known.

10.2 Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: See Section 7 for information on safe handling.

##### 10.5 Incompatible materials:

strong oxidizing agents

strong acids

caustic solutions

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10.6 Hazardous decomposition products: No dangerous decomposition products known.

**SECTION 11: Toxicological information**

11.1 Information on toxicological effects There are no toxicological findings on this mixture.

**Acute toxicity**

LD/LC50 values relevant for classification:

**111-76-2 2-butoxyethanol**

Oral	LD50	1746 mg/kg (rat)
Dermal	LD50	2270 mg/kg (rabbit)
Inhalative	LC50/4h	2 - 20 mg/l (rat)

**Primary irritant effect:****Skin corrosion/irritation**

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

**Serious eye damage/irritation**

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

**Respiratory or skin sensitisation**

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

**Repeated dose toxicity**

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

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

Does not fulfill the criteria for classification

**SECTION 12: Ecological information**

12.1 Toxicity There are no ecotoxicological data available on this mixture.

**Aquatic toxicity:****111-76-2 2-butoxyethanol**

Oral	EC0/16h	700 mg/l ( <i>Pseudomonas putida</i> )
	EC0/168h	900 mg/l ( <i>scenedesmus quadricauda</i> ) (Zellvemehrungshemmtest)
	EC50 / 24h	1720 mg/l ( <i>Daphnia magna</i> )
	LC 50 / 96 h	1490 mg/l ( <i>Lepomis macrochirus</i> )

**12.2 Persistence and degradability****111-76-2 2-butoxyethanol**

Biodegradation 100 % (-) (OECD 301C)

**12.3 Bioaccumulative potential****111-76-2 2-butoxyethanol**

log Kow 0.81 log Kow (-) ([25 °C (OECD 107)])

12.4 Mobility in soil No further relevant information available.

**Additional ecological information:****General notes:** The product may not be released into the environment without control.**12.5 Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation** Waste must be disposed of while observing the local, official regulations.**European waste catalogue**

- 1) Disposal / product
- 2) Disposal / contaminated packaging

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08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
15 01 02	plastic packaging

**SECTION 14: Transport information**

**14.1 UN-Number**  
ADR, IMDG, IATA                      Void

**14.2 UN proper shipping name**  
ADR, IMDG, IATA                      Void

**14.3 Transport hazard class(es)**  
ADR, ADN, IMDG, IATA  
Class                                      Void

**14.4 Packing group**  
ADR, IMDG, IATA                      Void

**14.5 Environmental hazards:**  
Marine pollutant:                      No

**14.6 Special precautions for user** Not applicable.

**UN "Model Regulation":**                      -

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**European Directives:**  
**VOC (2004/42/EC)**

II / Be:  
(VOC max:840g/l) VOC: 129g/l

**National regulations:**

**Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles must be observed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 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.

**Relevant phrases**

H302      Harmful if swallowed.  
H312      Harmful in contact with skin.  
H315      Causes skin irritation.  
H319      Causes serious eye irritation.  
H332      Harmful if inhaled.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38      Irritating to eyes and skin.

**Abbreviations and acronyms:**

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
IOELV = indicative occupational exposure limit values  
Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
**\* Data compared to the previous version altered.**

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