Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 07.09.2017 *Version: 4* *Revision: 01.08.2016*

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

1.1 Product identifier

Trade name: SONAX Plastic Restorer - Black

Article number: 04091000
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
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.

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, 2-methylisothiazol-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 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-xxxx	2-butoxyethanol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	3 - <5%

Additional information: For the wording of the listed hazard 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.
In case of unconsciousness place patient stably in side position for transportation.

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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 *Allergic reactions*
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
For safety reasons unsuitable extinguishing agents: *Water with full jet*
5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide
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.
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: *Keep ignition sources away - Do not smoke.*

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: 5 - 35

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
CAS: 111-76-2 2-butoxyethanol	
WEL (Great Britain)	*Short-term value: 246 mg/m³, 50 ppm* *Long-term value: 123 mg/m³, 25 ppm* *Sk, BMGV*
IOELV (EU)	*Short-term value: 246 mg/m³, 50 ppm* *Long-term value: 98 mg/m³, 20 ppm* *Skin*

DNELs		
CAS: 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))
		75 mg/kg (worker) (chronic effects (24h))
Inhalative	*DNEL*	*426 mg/m³ (consumer) (acute effects)*
		123 mg/m³ (consumer) (acute effect, local effects)
		49 mg/m³ (consumer) (chronic effect)
		663 mg/m³ (worker) (acute Effect)
		246 mg/m³ (worker) (acute effect, local effects)
		98 mg/m³ (worker) (chronic effects)

PNECs	
CAS: 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:	
CAS: 111-76-2 2-butoxyethanol	
BMGV (Great Britain)	*240 mmol/mol creatinine* *Medium: urine* *Sampling time: post shift* *Parameter: butoxyacetic acid*

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: *Protective gloves*
Material of gloves
Nitrile rubber, NBR

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Recommended thickness of the material: ≥ 0.4 mm
[EN 374]
Penetration time of glove material *Value for the permeation: Level 6 (≥480min)*
Eye protection: *Not required in normal cases*

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/freezing point:	*Undetermined.*
Initial boiling point and boiling range:	*Undetermined.*
Flash point:	*Not applicable.*
Flammability (solid, gas):	*Not applicable.*
Ignition temperature:	*Not determined.*
Decomposition temperature:	*Not determined.*
Auto-ignition temperature:	*Product is not selfigniting.*
Explosive properties:	*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/cm³*
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.*
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 *Based on available data, the classification criteria are not met.*

LD/LC50 values relevant for classification:		
CAS: 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).

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity *Based on available data, the classification criteria are not met.*
Carcinogenicity *Based on available data, the classification criteria are not met.*
Reproductive toxicity *Based on available data, the classification criteria are not met.*

STOT-single exposure *Based on available data, the classification criteria are not met.*

STOT-repeated exposure *Based on available data, the classification criteria are not met.*

Aspiration hazard *Based on available data, the classification criteria are not met.*

SECTION 12: Ecological information

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

Aquatic toxicity:		
CAS: 111-76-2 2-butoxyethanol		
Oral	*EC0/16h*	*700 mg/l (Pseudomonas putida)*
	EC0/168h	*900 mg/l (scenedesmus quadricauda) (Zellvemehrungshemmtest)*
	EC50 / 24h	*1720 mg/l (Daphnia magna)*
	LC 50 / 96 h	*1490 mg/l (Lepomis macrochirus)*

12.2 Persistence and degradability	
CAS: 111-76-2 2-butoxyethanol	
Biodegradiation	*100 % (OECD 301C)*

12.3 Bioaccumulative potential	
CAS: 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.*

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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

*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":	*Void*

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.
Abbreviations and acronyms:
NOEL = No Observed Effect Level
NOEC = No Observed Effect Concentration
LC = letal Conentration
EC50 = half maximal effective conentraion
log POW = Octanol / water partition coefficient

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals
ATE: acute toxicity estimate
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
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 – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
**** Data compared to the previous version altered.***