

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 1 of 8

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

1.1. Product identifier

AVALON Stein- und Betonöl

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

Use of the substance/mixture

Vegetable resin paints
Paints and varnishes

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name: SIA Abschliff Latvija
Street: A.Ēaka iela 107
Place: LV-1011 Riga LV-1011
Telephone: + 371 67843844, +371 26177888
E-mail: info@abschliff.lv
E-mail (Contact person): info@abschliff.lv
Internet: www.abschliff.lv
Responsible Department: + 371- 67843844
+ 371 26177888 (mobile)

1.4. Emergency telephone number:

112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Spontaneous ignition possible through autoxidation of cloths soaked in the product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-96-7	isoalkane			40-50 %
	265-200-4			
	Asp. Tox. 1; H304 EUH066			

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024	AVALON Stein- und Betonöl Product code: Av-254-002-01	Page 2 of 8
---------------------------	--	-------------

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
27253-32-3	Manganese Neodecanoate			0,1-0,5 %
	248-374-6			
	STOT RE 2; H373			
64216-15-5	Calcium 3,5,5-trimethylhexanoat			0,1-0,5 %
	264-731-9		01-2119978299-15	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
64216-15-5	264-731-9	Calcium 3,5,5-trimethylhexanoat	0,1-0,5 %
	oral: ATE = 500 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

Immediately remove any contaminated clothing, shoes or stockings.
After contact with skin, wash immediately with plenty of water and soap.
Do not wash with: Solvents/Thinner

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.
Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder, Water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.
Hazardous decomposition products: carbon black. Danger of serious damage to health by prolonged exposure.
Use appropriate respiratory protection.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 3 of 8

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Keep away from sources of ignition - No smoking. Ventilate affected area.
Avoid breathing dust/fume/gas/mist/vapours/spray.
See protective measures under point 7 and 8.

6.2. 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.

6.3. Methods and material for containment and cleaning up

Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed and suitable containers for disposal. Disposal: see section 13
Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Only use the material in places where open light, fire and other flammable sources can be kept away.
Use explosion-proof electrical equipment. Filling and transfer: Take precautionary measures against static discharges. Provide earthing of containers, equipment, pumps and ventilation facilities. Wear anti-static footwear and clothing Use only antistatically equipped (spark-free) tools.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists, Inhalation of dust/particles.
When using do not eat, drink or smoke.
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

Advice on protection against fire and explosion

Solvent - Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Further information on handling

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV).

Hints on joint storage

Do not store together with: Oxidising agent, Strong acid, Strong alkali

Further information on storage conditions

Follow the instructions for use on the label.
storage temperature of °C 5 up to °C 30.

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 4 of 8

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves. Replace when worn. 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. See information supplied by the manufacturer.

Suitable material: Nitrilkautschuk

Breakthrough time:: ≥ 8 hmin.

Use protective skin cream before handling the product.

Skin protection

Wear anti-static footwear and clothing (Natural fibres (e.g. cotton) / heat-resistant synthetic fibres)

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values.

Use suitable breathing apparatus.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid:		
Colour:	light brown		
Odour:	mild		
Melting point/freezing point:	not applicable		Test method ASTM D 1120
Boiling point or initial boiling point and boiling range:	> 180 °C		
Lower explosion limits:	0,6 g/m ³		
Upper explosion limits:	7,0 g/m ³		
Flash point:	> 61 °C		DIN 53213
Auto-ignition temperature:			ASTM E 659
pH-Value:	not relevant		
Viscosity / kinematic (at 40 °C):	> 20,5 mm ² /s		
Water solubility:	This information is not available.		OECD 116
Partition coefficient n-octanol/water:	This information is not available.		
Density (at 20 °C):	0,89 g/cm ³		DIN 53217
Bulk density:			DIN EN ISO 1183
Relative vapour density:	This information is not available.		
Particle characteristics:	not relevant		

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 5 of 8

not relevant		
Sustaining combustion:	Not sustaining combustion	UN Test L.2
Self-ignition temperature		
Solid:	n.a.	
Oxidizing properties		
not relevant		
Other safety characteristics		
Solvent separation test:	not relevant	
Sublimation point:	not relevant	n.a.
Softening point:	n.a.	
Pour point:	n.a.	ASTM D 97-66 ASTM D 1015
Flow time (at 40 °C):	100 s	3 DIN EN ISO 2431

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, Strong acid, Strong alkali

10.4. Conditions to avoid

In case of warming: Formation of: Hazardous decomposition products

10.5. Incompatible materials

Oxidizing agent

10.6. Hazardous decomposition products

Nitrogen oxides (NOx), carbon black, Carbon dioxide (CO₂), Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64216-15-5	Calcium 3,5,5-trimethylhexanoat				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects 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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 6 of 8

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.

Observe risk of aspiration if vomiting occurs.

Practical experience

Following inhalation:

Potential hazards: May cause respiratory irritation. Depression of central nervous system.

Symptoms: Headache, Dizziness, Dizziness, Unconsciousness

After eye contact:

Irritating to eyes. (reversible.)

Following ingestion:

Symptoms: Nausea, Vomiting, Gastrointestinal complaints

Following skin contact:

The product is skin resorptive. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

11.2. Information on other hazards**Other information****Further information**

There are no data available on the mixture itself.

Reference to other sections: 2, 3

SECTION 12: Ecological information**12.1. Toxicity**

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

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

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

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

There are no data available on the mixture itself.

Do not allow to enter into surface water or drains.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 7 of 8

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.
Dispose according to legislation.

List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Completely emptied packages can be recycled.
Dispose according to legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 27.09.2024

AVALON Stein- und Betonöl

Product code: Av-254-002-01

Page 8 of 8

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28

Directive 2004/42/EC on VOC in
paints and varnishes: 420 g/lSubcategory according to
Directive 2004/42/EC: Interior and exterior minimal build woodstains - Solvent-borne coatings, VOC
limit value: 700 g/lInformation according to Directive
2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)**National regulatory information**Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile
work protection guideline' (94/33/EC). Observe employment restrictions under
the Maternity Protection Directive (92/85/EEC) for expectant or nursing
mothers.

Water hazard class (D): 1 - slightly hazardous to water

Additional information

Observe in addition any national regulations!

SECTION 16: Other information**Abbreviations and acronyms**Acute Tox: Acute toxicity
Asp. Tox: Aspiration hazard
Eye Irrit: Eye irritation
STOT RE: Specific target organ toxicity - repeated exposure**Relevant H and EUH statements (number and full text)**H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH210 Safety data sheet available on request.**Further Information**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.*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data
sheet.)*