SAFETY DATA SHEET

According to regulation (EU) N0 1907/2006 with later changes

Sealatex PLUS

Aqua Tech
waterproofing solutions

Date of preparation: 01.07.2022 Version: 1.1 ENG
Date of actualization: 11.04.2023
Date of print: 11.04.2023
Safety data sheet prepared by:
Aqua Tech – Leja, Lietz Spółka jawna

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

1.1 Product identifier

Sealatex PLUS

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

Liquid polymer-bituminous membrane for sealing details of building elements

1.3 Details of the supplier of the safety data sheet

Aqua Tech – Leja, Lietz Spółka jawna
Ul. Kineskopowa 1 bud. A lok. 26
05-500 Piaseczno, Polska
the person responsible for the safety data sheet:
a.winiczenko@aqua-tech.com.pl

1.4 Emergency telephone number

Emergency call in Poland (open in hours 8:00 – 17:00): +48 22 847 06 52

2 SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

According to Regulation (EU) No. 1272/2008 (CLP)
When used correctly, it does not pose a threat to human health and the aquatic environment.
Skin Sens. 1A May cause an allergic skin reaction.

2.2 Label elements

Hazard pictogram:

Signal word:
Warning
Hazard Statement:
H317 May cause an allergic skin reaction.
Precautionary statements:
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P280 Use protective gloves / protective clothing / eye protection / face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice / report to a doctor.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of the contents / container in accordance with applicable regulations
Contains:
2-Octyl-2H-isothiazol-3-on
Special provisions in line with Annex XVII of the REACH Regulation as amended:
None

2.3 Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%
Other Hazards: No other hazards
This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based on the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant.
(Note: sanding of the hardened product may create a silica dust hazard)

3 SECTION 3: Composition/information on ingredients

3.1 Substances
Not Relevant

3.2. Mixtures
Hazardous components within the meaning of the CLP regulation and related classification:

Concentration (% w/w)	Name	Ident. Numb.	Classification	Registration Number
≥0.0015 - <0.005 %	ethylene glycol	CAS:107-21-1 EC:203-473-3 Index:603-027-00-1	Acute Tox. 4, H302; STOT RE 2, H373	01-2119456816-28-xxxx
≥0.0015 - <0.005 %	2-octyl-2H-isothiazol-3-one	CAS:26530-20-1 EC:247-761-7 Index:613-112-00-5	Acute Tox. 2, H330 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Corrosive to the respiratory tract., M-Chronic:100, M-Acute:100 Specific Concentration Limits: C ≥ 0,0015%: Skin Sens. 1A H317 Acute Toxicity Estimate: ATE - Oral: 125mg/kg bw ATE - Dermal: 311mg/kg bw	
<0.0015 %	free crystalline silica (Ø <10 µ)	CAS:14808-60-7 EC:238-878-4	STOT RE 1, H372	

4 SECTION 4: First aid measures

4.1 Description of first aid measures
In case of skin contact::

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap..

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2 Most important symptoms and effects, both acute and delayed
Not available

4.3 Indication of any immediate medical attention and special treatment needed
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
(see paragraph 4.1)

5 SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media:
Water, Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2 Special hazards arising from the substance or mixture
Do not inhale explosion and combustion gases.

5.3 Advice for firefighters
Use suitable breathing apparatus.

6 SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove persons to safety.

6.2 Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Limit leakages with earth or sand..

6.3 Methods and material for containment and cleaning up
Suitable material for taking up: absorbing material, organic, sand
Retain contaminated washing water and dispose it.

6.4 Reference to other sections
See also section 8 and 13.

7 SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

7.3 Specific end use(s)
Recommendation(s):
None in particular
Industrial sector specific solutions:
None in particular.

8 SECTION 8: Exposure controls/personal protection

8.1 Control parameters
No data available

8.2 Exposure controls
Eye protection:
Use close fitting safety goggles, don't use eye lens.
Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
Protection for hands:
Suitable materials for safety gloves; EN ISO 374:
Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min.
Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.
Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.
Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.
Neoprene gloves are suggested (0,5 mm) not recommended gloves: not waterproof gloves

Respiratory protection:
Personal Protective Equipment should comply with relevant CE standards (as EN ISO 374 for gloves and EN ISO 166 for goggles),correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.
Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to appropriate EN standards, like EN 136, 140, 143, 149, 14387 for information on selection and use of appropriate respiratory protection equipment.
Hygienic and Technical measures
Not available
Appropriate engineering controls:
Not available

9 SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid
Appearance: paste
Color: Black
Odour: Characteristic
Odour threshold:
Melting point / freezing point: Not available
Initial boiling point and boiling range: Not available
Flammability: Not available
Upper/lower flammability or explosive limits: Not available
Flash point: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available
pH: Not available
pH (water dispersion, 10%): 10.90
Viscosity: 45,000.00 cPs
Kinematic viscosity: Not available
Solubility in water: Not available
Solubility in oil: Not available
Partition coefficient (n-octanol/water): Not available
Vapour pressure: Not available
Relative density: 1.20 g/cm3
Vapour density: Not available
Particle characteristics:
Particle size: Not available

9.2 Other information

Miscibility: Not available
Conductivity: Not available
No other relevant information

10 SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Stable under normal conditions.

10.4 Conditions to avoid

None.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

None.

11 SECTION 11: Toxicological information

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

Toxicological information of the mixture:
acute toxicity:
Not classified
Based on available data, the classification criteria are not met
skin corrosion/irritation:
Not classified
Based on available data, the classification criteria are not met
serious eye damage/irritation:
Not classified
Based on available data, the classification criteria are not met
respiratory or skin sensitisation:
The product is classified: Skin Sens. 1A(H317)
germ cell mutagenicity:
Not classified
Based on available data, the classification criteria are not met
Carcinogenicity:
Not classified
Based on available data, the classification criteria are not met
reproductive toxicity:
Not classified
Based on available data, the classification criteria are not met
STOT-single exposure:
Not classified
Based on available data, the classification criteria are not met
STOT-repeated exposure:
Not classified
Based on available data, the classification criteria are not met
aspiration hazard:
Not classified
Based on available data, the classification criteria are not met
Toxicological information on main components of the mixture:
ethylene glycol:
acute toxicity
LC50 Inhalation Rat > 2,50000 mg/l 6h
LD50 Skin Rat > 3500,00000 mg/kg
2-octyl-2H-isothiazol-3-one
acute toxicity
ATE - Oral : 125 mg/kg bw
ATE - Dermal : 311 mg/kg bw
LD50 Oral Rat = 318 mg/kg
LD50 Skin Rabbit = 311 mg/kg
LC50 Inhalation Dust Rat = 0,58 mg/l 4h
free crystalline silica (Ø<10 µ)
acute toxicity
LD50 Oral Rat = 500 mg/kg

11.2 Information on other hazards

Endocrine disrupting properties:
No endocrine disruptor substances present in concentration ≥ 0,1%.

12 SECTION 12: Ecological information

12.1 Toxicity

Use according to CLP, so that the product is not accidentally released into the environment.
Eco-Toxicological Information:
List of Eco-Toxicological properties of the product:
Not classified for environmental hazards
Based on available data, the classification criteria are not met
List of components with eco-toxicological properties:
ethylene glycol:
CAS: 107-21-1
EINECS: 203-473-3
INDEX: 603-027-00-1
Aquatic acute toxicity : EC50 Daphnia > 100 mg/L 48
Aquatic acute toxicity : EC50 Algae > 100 mg/L 96
Aquatic acute toxicity : LC50 Fish > 100 mg/L 96
Aquatic chronic toxicity : NOEC Fish > 100 mg/L - 7 d
Aquatic chronic toxicity : NOEC Daphnia > 100 mg/L - 7 d
Aquatic chronic toxicity : NOEC Algae > 100 mg/L 72
Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 41000 mg/L 96h IUCLID
Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 14 mL/L 96h EPA
Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 27540 mg/L 96h EPA
Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 40761 mg/L 96h IUCLID
Aquatic acute toxicity : LC50 Fish Pimephales promelas 40000 mg/L 96h EPA
Aquatic acute toxicity : LC50 Fish Poecilia reticulata = 16000 mg/L 96h IUCLID
Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 46300 mg/L 48h IUCLID
Aquatic acute toxicity : EC50 Algae Pseudokirchneriella subcapitata 6500 mg/L 96h IUCLID
2-octyl-2H-isothiazol-3-one
CAS: 26530-20-1
EINECS: 247-761-7
INDEX: 613-112-00-5
Aquatic acute toxicity : EC50 Daphnia = 0,42 mg/L 48
Aquatic acute toxicity : EC50 Algae = 0,084 mg/L 72
Aquatic acute toxicity : LC50 Fish = 0,036 mg/L 96
Aquatic acute toxicity : LC50 Fish = 0,18 mg/L 96
Aquatic chronic toxicity : NOEC Daphnia = 0,002 mg/L - 21 d
Aquatic chronic toxicity : NOEC Fish = 0,022 mg/L - 28 d
Aquatic chronic toxicity : NOEC Algae = 0,004 mg/L 72

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

No PBT, vPvB or endocrine disruptor substances present in concentration ≥ 0,1%

12.6 Endocrine disrupting properties

No endocrine disruptor substances present in concentration ≥ 0,1%

12.7 Other adverse effects

Not available.

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13 SECTION 13: Disposal considerations

13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.
A waste code (EWC) according to European List of Waste (LoW) cannot be specified, due to dependence on the usage. Contact and send to an authorized waste disposal service.
Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.
Do not dispose of waste into sewers.
Hazardous waste: Yes
Disposal considerations:
Do not allow to enter drains or watercourses.
Dispose of product according to all federal, state and local applicable regulations.
If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.
Special precautions:
This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Empty containers or liners may retain some product residues. Do not re-use empty containers.

14 SECTION 14: Transport information

14.1 UN number or ID number
Not Applicable.
14.2 UN proper shipping name
Not Applicable.
14.3 Transport hazard class(es)
Not Applicable.
14.4 Packing group
Not Applicable.
14.5 Environmental hazards
Not Applicable.
14.6 Special precautions for user
Not Applicable.
Transport drogowy i kolejowy (ADR-RID):
Not Applicable.
Transport lotniczy (IATA):
Not Applicable.
Transport morski (IMDG):
Not Applicable.
14.7 Maritime transport in bulk according to IMO instruments
Not Applicable
Bitumen based product. When transported at elevated temperature, the product must be considered dangerous for all modes of transport.

15 SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
VOC (2004/42/EC) : N.A. g/l
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EU) n. 2020/878
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Provisions related to directive EU 2012/18 (Seveso III):
Not available
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH)and subsequent modifications:
Restrictions related to the product: 3
Restrictions related to the substances contained: 28, 40, 75
SVHC Substances: No data available
Water Hazard Class (WGK): 1

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

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16 SECTION 16: Other information

Code Description:

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure if swallowed.

Code	Hazard class and category	Description
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.4.2/1A	Skin Sens. 1A	Skin Sensitisation, Category 1A
3.9/1	STOT RE 1	Specific target organ toxicity — repeated exposure, Category 1
3.9/2	STOT RE 2	Specific target organ toxicity — repeated exposure, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation(EC) Nr. 1272/2008 and Classification procedure

3.4.2/1A Calculation method

If appropriate, specific provisions in relation to possible training for workers are mentioned in section 2. Any training related to safety in the workplace must in any case refer to a risk assessment that must be carried out by a company safety officer taking into account the specific operating and environmental conditions in which the products are used.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
BCF: Biological Concentration Factor
BEI: Biological Exposure Index
BOD: Biochemical Oxygen Demand
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.
CMR: Carcinogenic, Mutagenic and Reprotoxic
COD: Chemical Oxygen Demand
COV: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DMEL: Derived Minimal Effect Level
DNEL: Derived No Effect Level.
DPD: Dangerous Preparations Directive
DSD: Dangerous Substances Directive
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction

PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.

*The datasheet model has been adapted according to the regulation update.