

SAFETY DATA SHEET

according to Safe Work Australia

Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 1 of 8

1. Product identifier and identity for the chemical

Product identifier

Trade name: Aqualine PU Pro Part A

Recommended use of the chemical and restrictions on use

General use: Coating agent

Suppliers name, address and phone number

Company name: Stellmann Coatings
Street/POB-No.: 448 City Road
Postal Code, city: South Melbourne, Victoria 3205
Australia

E-mail: info@stellmann.com.au
Telephone: +61 (0) 3 7020 2041

Emergency phone number

Australia 1800 033 111

Tox-Zentrum Zürich, +41 / 44 / 251 51 51, or 145

2. Hazard Identification

Classification of the hazardous chemical

GHS classification

This mixture is classified as not hazardous.

Label elements

Hazard statements: not applicable

Precautionary statements: not applicable

Other hazards which do not result in classification

Special danger of slipping by leaking/spilling product.

SAFETY DATA SHEET

according to Safe Work Australia

Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 2 of 8

Other hazards which do not result in classification

Contains 1,2-Benzisothiazol-3(2H)-one. Mixture of 5-chloro -2-methyl-2H- isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

3. Composition/information on ingredients

Mixtures

Hazardous ingredients:

CAS No.	Designation	Concentration	Classification
CAS 55965-84-9	Mixture of 5-chloro -2-methyl-2H- isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<0.0015	Acute Tox. - Category 2. Acute Tox. - Category 3. Skin corrosion - Category 1B. Skin sens. - Category 1A. Aqua acute. - Category 1. (M-factor = 100). Aqua Chronic. - Category 1. (M-factor = 10).

Additional information: The maximum workplace exposure limits are, where necessary, listed in section 8.

4. First Aid Measures

Description of necessary first aid measures

General information:	If unconscious and breathing is OK, place in the recovery position and seek medical advice.
In case of inhalation:	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Seek medical treatment in case of troubles.
Following skin contact:	Immediately wipe affected skin area with paper towel or cloth. Thoroughly wash skin with soap and water. Take off contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician. Avoid strong ultraviolet radiation.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist. Avoid strong ultraviolet radiation.
After swallowing:	Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting. Immediately get medical attention.

SAFETY DATA SHEET

according to Safe Work Australia

Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 3 of 8

Symptoms caused by exposure

After contact with skin:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin.

After eye contact: Liquid splashes can lead to irritations of the eyes.

Medical Attention and Special Treatment

Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media

Water mist, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire. Furthermore, there may develop: Nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire fighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Hazchem-Code: -

Use water spray jet to knock down vapours. Move container away or cool with water from a protected position. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe vapours or spray mist. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary notify appropriate authorities.

Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance. Clean using cleansing agents. Do not use solvents.

Additional information:

Special danger of slipping by leaking/spilling product.

SAFETY DATA SHEET

according to Safe Work Australia

Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 4 of 8

7. Handling and Storage

Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe vapours or spray mist.
Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Persons with a history of skin sensitisation problems should not be employed in any process in which this product is used.

Precautions against fire and explosion:

Keep away from sources of ignition and heat.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store in well closed containers in a cool, dry, well-ventilated area. Store carefully closed containers upright to prevent any leaks. Keep only in original container.
Storage temperature: 5 °C up to 20 °C. Protect from sunlight.

Hints on joint storage:

Do not store together with oxidizing agents, strong acids or strong bases. Do not store together with food.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

SAFETY DATA SHEET

according to Safe Work Australia

Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 5 of 8

Personal protective equipment (PPE)

Occupational exposure controls

- Respiratory protection: Respiratory protection must be worn according to AS/NZS 1715 and AS/NZS 1716 whenever the WEL levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.
- Hand protection: Protective gloves according to AS/NZS 2161.
- Eye protection: Tightly sealed eye protectors according to AS/NZS 1337.
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures: Do not breathe vapours or spray mist. When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse. After work, wash hands and face.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9. Physical and chemical properties

Information on basic physical and chemical properties

- Appearance: Physical state at 20 °C and 101.3 kPa: liquid
Colour: Varying, depends on colouring.
- Odour: not applicable
- Odour threshold: No data available
- pH: 8
- Melting point/freezing point: No data available
- Initial boiling point and boiling range: (derived) 100 °C
- Flash point/flash point range: not applicable
- Evaporation rate: No data available
- Flammability: No data available
- Explosion limits: LEL (Lower Explosion Limit): not applicable
UEL (Upper Explosive Limit): not applicable
- Vapour pressure: No data available
- Vapour density: No data available
- Density: at 20 °C: approx. 1.40 g/mL
- Water solubility: completely soluble
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: not self-igniting
- Decomposition temperature: No data available

Additional information

- Viscosity, dynamic: 5500 mPa*s
- Volatile organic compounds content (VOC): <0.5 % by weight

10. Stability and Reactivity

- Reactivity: Polymerization can occur under certain conditions.

SAFETY DATA SHEET

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Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 6 of 8

Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	May undergo uncontrolled exothermic polymerization upon contact with peroxides, reactive metals, strong alkaline material and radical former.
Conditions to avoid:	Keep away from heat. Conditions to avoid: Strong ultraviolet radiation.
Incompatible materials:	Strong oxidizing agents, strong acids, strong alkalis, peroxides and Metals.
Hazardous decomposition products:	No hazardous decomposition products when regulations for storage and handling are observed.
Thermal decomposition:	No data available

11. Toxicological information

Information on toxicological effects

Toxicological effects:	Acute toxicity (oral): Lack of data.
	Acute toxicity (dermal): Lack of data.
	Acute toxicity (inhalative): Lack of data.
	Skin corrosion/irritation: Lack of data.
	Serious eye damage/irritation: Lack of data.
	Sensitisation to the respiratory tract: Lack of data.
	Skin sensitisation: Lack of data.
	Germ cell mutagenicity/Genotoxicity: Lack of data.
	Carcinogenicity: Lack of data.
	Reproductive toxicity: Lack of data.
	Effects on or via lactation: Lack of data.
	Specific target organ toxicity (single exposure): Lack of data.
	Specific target organ toxicity (repeated exposure): Lack of data.
	Aspiration hazard: Lack of data.

Symptoms

After contact with skin:
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin.
After eye contact: Liquid splashes can lead to irritations of the eyes.

12. Ecological information

Ecotoxicity

Further details:	No data available
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Persistence and degradability

Further details:	No data available
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SAFETY DATA SHEET

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Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 7 of 8

Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.

14. Transport information

Land transport (ADG)

Product designation: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

Hazchem-Code:

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15. Regulatory information

National regulations - Australia

AICS: All ingredients are listed or exempt from listing.

Further regulations, limitations and legal requirements

No data available

SAFETY DATA SHEET

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Aqualine PU Pro Part A



Revision date: 27/03/2024 Version: 1.0 Language: en-AU Date of print: 27/03/2024

Page: 8 of 8

16. Other information

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL: Occupational Exposure Limit Value
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EN: European Standard
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
LEL: Lower Explosion Limit
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
M-factor: Multiplication factor
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TLV: Threshold Limit Value
TSCA: Toxic Substance Control Act
UV: Ultraviolet
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Date of first version: 29/01/2024

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.