

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 06.03.2025

Version number 3 (replaces version 1)

Revision: 06.03.2025

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

1.1 Product identifier

Trade name: **Tytan Professional Abizol P Bituminous Compound for Coat Insulations**

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

Cold-applied bituminous adhesive for the bonding of roofing felt and lightweight waterproofing membranes. Forms coatings strongly bonded to the substrate, resistant to water, weak acids, alkalis and aggressive compounds contained in the soil.

Application of the substance / the mixture Construction chemicals

Uses advised against Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Tytan Professional
Selena FM S.A.
ul. Legnicka 48 A 54-202 Wrocław, Poland
tel.: +48 71 78 38 290
e-mail: office@selenia.com
www.selenia.com
BDO: 000136566

Further information obtainable from: msds@selenia.com

1.4 Emergency telephone number: European emergency number: 112 (24 h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms Not applicable

Signal word Not applicable

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P201 Obtain special instructions before use.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties

The product does not contain substances with endocrine disrupting properties.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35-XXXX	Solvent naphtha (petroleum), light arom. ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336, EUH066	<15%
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Additional information:

*Note P used

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:

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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

After skin contact:

Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible).

DO NOT use solvents or thinners.

After eye contact:

If present, remove contact lenses.

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth with water.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Carbon dioxide.

Foam.

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

During heating or in case of fire poisonous gases are produced.

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In case of fire, the following can be released:

Nitrogen oxides (NO_x).

Carbon monoxide (CO).

· **5.3 Advice for firefighters**

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

Wear fully protective suit.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Keep away from ignition sources.

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Do not allow to enter sewers / surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.

Dispose of the material collected according to regulations.

Ensure adequate ventilation.

· **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**

Keep away from heat and direct sunlight.

At work do not eat, drink or smoke.

· **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:**

Store in a cool location.

Store only in the original receptacle.

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

· **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Protect from frost.

· **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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

CAS: 64742-95-6 solvent naphtha (petroleum), light arom.

Oral	DNEL	11 mg/kg/Tag (General population, consumers)
Dermal	DNEL	11 mg/kg/Tag (General population, consumers)
		25 mg/kg/Tag (Workers)
Inhalative	DNEL	32 mg/m3 (General population, consumers)
		150 mg/m3 (Workers)

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

Short term filter device:

Filter AX

· **Hand protection**



Protective gloves

EN 374

The glove material has to be impermeable and resistant to the product / the substance / the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves**

Recommended thickness of the material: ≥ 0.020 mm.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

Short-term contact ≥ 10 min (EN 374)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye/face protection



Tightly sealed goggles

EN 166

· Body protection:



Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state	Solid
· Colour:	Black
· Odour:	Characteristic
· Odour threshold:	Not determined
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Not determined
· Lower and upper explosion limit	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	≥+31 °C
· Auto-ignition temperature:	Not specified
· Decomposition temperature:	Not determined
· pH	Not applicable
· Viscosity:	
· Kinematic viscosity at 40 °C	> 20.5 mm ² /s
· Dynamic at 20 °C:	40 - 50 mPas
· Solubility	
· water:	Insoluble
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapour pressure:	Not applicable
· Density and/or relative density	
· Density at 20 °C:	1.2-1.35 g/cm ³
· Relative density	Not determined
· Vapour density	Not applicable
· Relative gas density	Not determined.

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· 9.2 Other information

· Appearance:

· Form:

Dense paste

· Important information on protection of health and environment, and on safety.

· Ignition temperature:

> 220 °C

· Explosive properties:

Not determined

· Change in condition

· Evaporation rate

Not applicable

· Information with regard to physical hazard classes

· Explosives

Not applicable

· Flammable gases

Not applicable

· Aerosols

Not applicable

· Oxidising gases

Not applicable

· Gases under pressure

Not applicable

· Flammable liquids

Not applicable

· Flammable solids

Not applicable

· Self-reactive substances and mixtures

Not applicable

· Pyrophoric liquids

Not applicable

· Pyrophoric solids

Not applicable

· Self-heating substances and mixtures

Not applicable

· Substances and mixtures, which emit flammable gases in contact with water

Not applicable

· Oxidising liquids

Not applicable

· Oxidising solids

Not applicable

· Organic peroxides

Not applicable

· Corrosive to metals

Not applicable

· Desensitised explosives

Not applicable

SECTION 10: Stability and reactivity

· 10.1 Reactivity

No hazardous reactions if the regulations / notes for storage and handling of the product will be respected.

· 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid

Handle away from heat, ignition sources, sparks, ignition points, flames, static electricity.

· 10.5 Incompatible materials:

Strong acids.

Strong oxidants.

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10.6 Hazardous decomposition products:

Hazardous decomposition products are not known if the regulations/ guidelines for storage and handling of the product are followed.

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.

LD/LC50 values relevant for classification:

CAS: 64742-95-6 solvent naphtha (petroleum), light arom.

Oral	LD50	3,592 mg/kg (rat)
Dermal	LD50	>3,160 mg/kg (rab)

Primary irritant effect:

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

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

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

CAS: 64742-95-6 solvent naphtha (petroleum), light arom.

EC50	3.2 mg/l (daphnia)
LC50	9.2 mg/l (fish)

12.2 Persistence and degradability No data.

12.3 Bioaccumulative potential No data available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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· 12.7 Other adverse effects

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Remove in accordance with applicable legislation.
Dispose of in a safe manner in accordance with local / national regulations.
Do not allow to enter surface or ground water.
Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.

· European waste catalogue

15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP14	Ecotoxic

· Uncleaned packaging:

· Recommendation:

Disposal must be made according to official regulations.
It should be treated in the same way as product residues.

SECTION 14: Transport information

· 14.1 UN number or ID number

· ADR, ADN, IMDG, IATA Not applicable

· 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA Not applicable

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA
· Class Not applicable

· 14.4 Packing group

· ADR, IMDG, IATA Not applicable

· 14.5 Environmental hazards: Not applicable.

· 14.6 Special precautions for user Not applicable.

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

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· UN "Model Regulation":

Not applicable

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

1907/2006/CE Regulation, REACH

1272/2008/CE Regulation, CLP

2020/878/UE Regulation

· Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

None of the ingredients is listed.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

· **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**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

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EUH066 Repeated exposure may cause skin dryness or cracking.

· **Version number of previous version: 1**

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

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)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· *** Data compared to the previous version altered.**

Points marked with * have changed from the previous version of the card