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

1.1 Product identifier

Trade name	:	SPEKTRA ANTINICOTINE PAINT
Product code	:	41221103

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

Use of the Sub-	: Building and construction work
stance/Mixture	Professional and consumer use of coatings, Roller application
	or brushing, Non industrial spraying
	Coatings and paints, thinners, paint removers

1.3 Details of the supplier of the safety data sheet

Company	: Helios TBLUS d.o.o. Količevo 65 1230 Domžale Slovenia	
Telephone Company	: 386 (1) 722 4383	
Telefax Company	: 386 (1) 722 4310	
Responsible/issuing person	: 386 (1) 722 4383 productsafety@helios	s.si

1.4 Emergency telephone number

Call 999 for emergency medical attention

professionals only: National Poison Information Service (NPIS) 24h national number 0844 892 0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.

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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.

Additional Labelling

EUH211

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Solvent-borne coatings

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Hydrocarbons, C11 - C13 isoalkanes , < 2% of the aromatic	01-2119456810-40	Asp. Tox. 1; H304	>= 10 - < 20
hydrocarbons, C11 - C12 isoalkanes, < 2% of the aromatic	01-2119472146-39	Flam. Liq. 3; H226 Asp. Tox. 1; H304	>= 10 - < 20
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	229-934-9 01-2119451093-47	Repr. 2; H361 Aquatic Chronic 3; H412	>= 1 - < 2,5
Substances with a workplace exposure	e limit :	•	
talc	238-877-9 01-2120140278-58		>= 1 - < 10

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SECTION 4: First aid measures

4.1 Description of first aid measures				
General advice	: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.			
If inhaled	 If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. 			
In case of skin contact	: If on skin, rinse well with water. If on clothes, remove clothes.			
In case of eye contact	 Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. 			
If swallowed	 Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital. 			

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known.

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5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored sepa- rately in closed containments. Use a water spray to cool fully closed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, prote Personal precautions	 ective equipment and emergency procedures Use personal protective equipment. Ensure adequate ventilation.
6.2 Environmental precautions	
Environmental precautions	 Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for co	ontainment and cleaning up
Methods for cleaning up	 Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	: Avoid formation of aerosol.
	Do not breathe vapours/dust.
	Avoid exposure - obtain special instructions before use.
	Avoid contact with skin and eyes.
	For personal protection see section 8.
	Smoking, eating and drinking should be prohibited in the ap- plication area.
	Provide sufficient air exchange and/or exhaust in work rooms.
	Dispose of rinse water in accordance with local and national regulations.

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	e on protection again nd explosion	ist :		a naked flame or any incandescent material. open flames, hot surfaces and sources of
Hygie	ne measures	:		not eat or drink. When using do not smoke. ore breaks and at the end of workday.
7.2 Condi	tions for safe storag	ge, inc	luding any incom	patibilities
•	irements for storage and containers	:	precautions. Ele	ep in a well-ventilated place. Observe label ctrical installations / working materials must technological safety standards.
	er information on stor tability	r- :	No decompositio	on if stored and applied as directed.
7.3 Specif	ic end use(s)			
Speci	fic use(s)	:	For further inforr sheet.	nation, refer to the product technical data
			Consult the tech stance/mixture.	nical guidelines for the use of this sub-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Calcium carbonate	Workers	Inhalation	Long-term local ef- fects	4,26 mg/m3
	Consumers	Inhalation	Long-term local ef- fects	1,06 mg/m3
titanium dioxide	Workers	Inhalation	Long-term local ef- fects	10 mg/m3
	Consumers	Oral	Long-term systemic effects	700 mg/kg bw/day
Talc	Workers	Inhalation	Acute systemic ef- fects	2,16 mg/m3
	Workers	Inhalation	Acute local effects	3,6 mg/m3
	Consumers	Inhalation	Acute systemic ef- fects	1,08 mg/m3
	Consumers	Inhalation	Acute local effects	1,8 mg/m3
	Consumers	Dermal	Long-term local ef- fects	2,27 mg/cm2
	Workers	Dermal	Long-term local ef- fects	4,54 mg/cm2

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		Consumers	Oral	Long-term systemic effects	160 mg/kg bw/day

			effects	bw/day
	Consumers	Oral	Acute systemic ef- fects	160 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	43,2 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	21,6 mg/kg bw/day
1-isopropyl-2,2- dimethyltrimethylene diisobutyrate	Consumers	Inhalation	Long-term systemic effects	32,6 mg/m3
	Workers	Inhalation	Long-term systemic effects	110 mg/m3
	Consumers	Oral	Long-term systemic effects	18,8 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	31,2 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	18,8 mg/kg bw/day

Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
Calcium carbonate	Sewage treatment plant	100 mg/l
titanium dioxide	Soil	100 mg/kg dry
		weight (d.w.)
	Marine water	0,0184 mg/l
	Fresh water	0,184 mg/l
	Marine sediment	100 mg/kg dry
		weight (d.w.)
	Fresh water sediment	1000 mg/kg dry weight (d.w.)
	Sewage treatment plant	100 mg/l
	Intermittent use/release	0,193 mg/l
Talc	Marine water	141,26 mg/l
	Fresh water	597,97 mg/l
	Marine sediment	3,13 mg/kg dry
		weight (d.w.)
	Fresh water sediment	31,33 mg/kg dry
		weight (d.w.)
	Intermittent use/release	597,97 mg/l
1-isopropyl-2,2-	Soil	1,05 mg/kg dry
dimethyltrimethylene diisobutyr- ate		weight (d.w.)
	Marine water	0,0014 mg/l
	Fresh water	0,014 mg/l
	Marine sediment	0,529 mg/kg dry
		weight (d.w.)
	Fresh water sediment	5,29 mg/kg dry
		weight (d.w.)
	Sewage treatment plant	3 mg/l

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8.2 Exposure controls

Personal protective equipm	ent	
Eye protection	:	Goggles Equipment should conform to EN 166
Hand protection Material Glove thickness Protective index	:	Nitrile rubber 0,2 mm Class 3
Remarks	:	Wear suitable gloves.
Skin and body protection	:	Long sleeved clothing Choose body protection according to the amount and concen- tration of the dangerous substance at the work place.
Respiratory protection	:	No personal respiratory protective equipment normally re- quired.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Colour	:	in accordance with the product description
Odour	:	solvent-like
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	0,0 °C (calculation method (principal components, lowest val-
Boiling point/boiling range	:	ue)) 100 °C (calculation method (principal components, lowest value))
Flash point	:	64 °C
Relative density	:	5,53 (calculation method (principal components, highest val- ue))
Density	:	1,46 - 1,50 g/cm3
Solubility(ies) Water solubility	:	partly miscible
Solubility in other solvents	:	Description: miscible with most organic solvents

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	tion coefficient: n- nol/water	: No data availa	ble
Deco	mposition temperatu		tion if stored and applied as directed. composition products formed under fire condi-
Visco Vi	osity iscosity, kinematic	: > 20,5 mm2/s	(40 °C)
	information		
	information ata available		

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid	:	Strong oxidizing agents
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10.6 Hazardous decomposition products

Adequate ventilation is required. Heating can release vapours which can be ignited. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

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Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Components:

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate:

Reproductive toxicity - As- : Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Components:

Alkanes, C11-13-iso-:

May be fatal if swallowed and enters airways.

hydrocarbons, C11 - C12 isoalkanes, < 2% of the aromatic:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks : No data available

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SECTION 12: Ecological information

12.1 Toxicity

Components:

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate:

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

Alkanes, C11-13-iso-:

Partition coefficient: n-	:	log Pow: 1,99 - 7,22
octanol/water		

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

```
Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
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12.6 Other adverse effects

Product:

Endocrine disrupting poten- tial	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Additional ecological infor- mation	:	No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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Produ	uct	: Dispose of national re	as hazardous waste in compliance with local and gulations.
Contaminated packaging		Dispose of Do not re-	naining contents. as unused product. use empty containers. n, or use a cutting torch on, the empty drum.
Wast	e Code		waste paint and varnish containing organic sol- her hazardous substances

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	:	Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable

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	•	tion (EC) No 1005/2 e ozone layer	2009 or	substances that de-	:	Not applicable
	Regulat tants (re	· · ·	1 on pe	rsistent organic pollu-	:	Not applicable
	UK REA (Annex		ices su	bject to authorisation	:	Not applicable
	pean Pa control	III: Directive 2012/ arliament and of the of major-accident h bus substances.	Coun	cil on the	Not	applicable
	by Cont tions 20	III Directive (2012/ trol of Major Accide 15 (COMAH) organic compound	nt Haza	ards Regula- Directive 2004/42/EC	;	applicable ls (VOC) content: 350 g/l

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

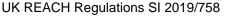
H226 :	Flammable liquid and vapour.
H304 :	May be fatal if swallowed and enters airways.
H361 :	Suspected of damaging fertility or the unborn child.
H412 :	Harmful to aquatic life with long lasting effects.
H361 :	Suspected of damaging fertility or the unborn child.

Full text of other abbreviations

Aquatic Chronic :	Long-term (chronic) aquatic hazard
Asp. Tox. :	Aspiration hazard
Flam. Liq. :	Flammable liquids
Repr. :	Reproductive toxicity

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International

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tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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