

# SAFETY DATA SHEET

## SPEKTRA ACRYLIC IMPREGNATION CONCENTRATE



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	21.11.2023	MAT000412207	Date of first issue: 21.11.2023
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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : SPEKTRA ACRYLIC IMPREGNATION CONCENTRATE

Product code : 41220712

#### Manufacturer or supplier's details

##### Details of the supplier of the safety data sheet

Company : Helios TBLUS d.o.o.  
Količevo 65  
Domžale 1230  
Slovenia

Telephone : 386 (1) 722 4383  
Telefax : 386 (1) 722 4310  
E-mail address Responsible/issuing person : 386 (1) 722 4383  
productsafety@helios.si

#### Emergency telephone number

#### Recommended use of the chemical and restrictions on use

Recommended use : Professional and consumer use of coatings  
Roller application or brushing  
Non industrial spraying  
Coatings and paints, thinners, paint removers

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS-Labeling

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.

#### Other hazards which do not result in classification

None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Waterborne paint

#### Components

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Chemical name	CAS-No.	Classification	MAC value mg/m <sup>3</sup> / TSEL value	Concentration (% w/w)
Zinc pyridinethione	13463-41-7	Acute Tox.3; H301 Acute Tox.3; H331 Acute Tox.5; H313 Eye Dam.1; H318 Aquatic Acute1; H400 Aquatic Chronic1; H410	TSEL: 0,2 mg/m <sup>3</sup> Work with this substance re- quires special protection of the skin and eyes Data Source: RU TSEL	>= 0,0025 - < 0,025

For explanation of abbreviations see section 16.

### 4. FIRST AID MEASURES

General advice	: 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	: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.
In case of eye contact	: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	: 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.
Most important symptoms and effects, both acute and delayed	: None known.

### 5. FIREFIGHTING MEASURES

#### Flammable properties

Flash point	: Not applicable
Flammability (solid, gas)	: Not applicable

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- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Hazardous combustion products : No hazardous combustion products are known
- Further information : The product itself does not burn.  
Standard procedure for chemical fires.  
Use a water spray to cool fully closed containers.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid contact with skin and eyes.  
Do not flush into surface water or sanitary sewer system.  
Prevent further leakage or spillage if safe to do so.
- Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.
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### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : No special technical protective measures required.  
For personal protection see section 8.
- Conditions for safe storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Perishable if frozen.  
To maintain product quality, do not store in heat or direct sunlight.
- Materials to avoid : No materials to be especially mentioned.
- Further information on storage stability : Protect from frost.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normally required.
Hand protection	:	
Material	:	Nitrile rubber
Glove thickness	:	0,2 mm
Protective index	:	Class 3
Remarks	:	Wear suitable gloves.
Eye protection	:	Goggles
Skin and body protection	:	Long sleeved clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	:	When using do not eat, drink or smoke. Wash thoroughly after handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	in accordance with the product description
Odour	:	No information available.
Odour Threshold	:	No data available
pH	:	No data available
Melting point/freezing point	:	0,0 °C (calculation method (principal components, lowest value))
Boiling point/boiling range	:	100 °C (calculation method (principal components, lowest value))
Flash point	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Density	:	1,0 - 1,1 g/cm <sup>3</sup>

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Solubility(ies)  
Water solubility : completely miscible

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Viscosity  
Viscosity, kinematic : > 21 mm<sup>2</sup>/s ( 40 °C)

VOC : (Directive 2004/42/EC)  
1 g/l

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### 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reac-  
tions : No data available

Conditions to avoid : Protect from frost, heat and sunlight.

Incompatible materials : Incompatible with oxidizing agents.  
Incompatible with strong acids and bases.

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

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### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Components:

##### **Zinc pyridinethione:**

Acute oral toxicity : Assessment: The component/mixture is toxic after single in-  
gestion.  
LD50 Oral (Rat): > 177 mg/kg

Acute inhalation toxicity : Test atmosphere: vapour  
Assessment: The component/mixture is toxic after short term  
inhalation.

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg

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### Serious eye damage/eye irritation

#### Components:

##### Zinc pyridinethione:

Result : Corrosive

### Further information

#### Product:

Remarks : No data available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### Zinc pyridinethione:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)):  $\geq 0,0026$  mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)):  $\geq 0,0028$  mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)):  $\geq 0,028$  mg/l  
Exposure time: 120 h

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

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### Hygienic standards:

(Allowable concentration in air, water, including fishery waters, soil)

Components	Air	Water	Soil	Data Source
Zinc pyridinethione 13463-41-7	TSEL: 0,01 mg/m3	No data available	No data available	List 2

For explanation of abbreviations see section 16.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Do not release the product to the aquatic environment

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### Special precautions for user

Not applicable

## 15. REGULATORY INFORMATION

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

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### 16. OTHER INFORMATION

#### Full text of H-Statements

H301	Toxic if swallowed.
H313	May be harmful in contact with skin.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
List 2	: SanPiN 1.2.3685-21 Table 1.2, Table 1.12 & Table 1.13 Tentative Safe Exposure Levels (TSEL) in the air of urban and rural settlements

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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 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; 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 guide-



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ance 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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