

**SPEKTRA ACRYLIC IMPREGNATION
CONCENTRATE**

Version 2.1	Revision Date: 12.02.2026	SDS Number: MAT000412207 GE / EN	Date of last issue: 11.07.2024 Date of first issue: 21.11.2023
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Identification of chemical products****Name**

Technical	Coatings and paints, thinners, paint removers.SPEKTRA ACRYLIC IMPREGNATION CONCENTRATE
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Product code	41220714
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Chemical (according to IUPAC)	No data available
Commercial	SPEKTRA ACRYLIC IMPREGNATION CONCENTRATE

Synonyms

The complete designation of a standardization document or an information-technical document
MAT000412207

Identification codes of products in accordance with the laws of the state

OKPD2-code

VNTED code (HS Code)

Recommended use of the chemical and restrictions on use

Recommended use	Building and construction work Roller application or brushing Non industrial spraying
Restrictions on use	Coatings and paints, thinners, paint removers Professional and consumer use of coatings

Details of the supplier of the safety data sheet

Company	: KANSAI HELIOS Slovenija d.o.o. Količevo 65 Domžale 1230 Slovenia
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Telephone	: 386 (1) 722 4383
Telefax	: 386 (1) 722 4310
E-mail address Responsible/issuing person	: 386 (1) 722 4383 productsafety@kansai-helios.si

Emergency telephone number

Ambulance: 112

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2. HAZARDS IDENTIFICATION

2.1 Hazard level of chemical products in general [data on the hazard classification as set forth in GOST 12.1.007 and GHS (GOST 32419, GOST 32423, GOST 32424, GOST 32425)].

Classification according to GOST

12.1.007-76

GHS Classification

Additional hazards not stipulated in GOST 32419 None known.

2.2 Data on safety marking as per GOST 31340

Signal word

Hazard symbols (signs)

Hazard statements (H-phrases) None known.

Precautionary statements
(P-phrases)

Additional information

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Data on the product as a whole

Chemical name (according to IUPAC nomenclature), if applicable
Chemical formula, if applicable

General characteristic of the composition (with account of the product range of a specific grade; production method) Waterborne paint

CAS-No. Not Assigned

3.2 Components

Chemical name	CAS-No.	EC-No.	Concentration (% w/w)	MAC value mg/m ³ / TSEL value	Hazard class
Zinc pyridinethione	13463-41-7	236-671-3	>= 0,0025 -	TSEL: 0,2	Work with this

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			< 0,025	mg/m3 Data Source: RU TSEL	substance re- quires special protection of the skin and eyes
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4. FIRST AID MEASURES

4.1 Symptoms observed

In case of poisoning via inhalation

In case of contact with skin

In case of contact with eyes

In case of poisoning via ingestion (if
swallowed)

4.2 First aid measures for injured persons

In case of poisoning via inhalation

If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of contact with skin

In case of contact, immediately flush skin with plenty of water.
Remove contaminated clothing and shoes.

In case of contact with eyes

Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.

In case of poisoning via ingestion (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.

Contraindications

Additional information

General advice

Do not leave the victim unattended.

Hazards

Treatment

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 General characteristic of fire and explosion hazard (as per GOST 12.1.044)

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5.2 Fire and explosion hazard indices of chemical products (range of indices as per GOST 12.1.044)

Flash point : Not applicable

Flammability (solid, gas) : Not applicable

5.3 Products of combustion and/or thermal destruction and the hazard they cause

No hazardous combustion products are known
Do not allow run-off from fire fighting to enter drains or water courses.

5.4 Recommended fire-extinguishing means

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.5 Prohibited fire-extinguishing means

5.6 Actions in case of fire

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.

5.7 Fire-extinguishing specifics

6. ACCIDENTAL RELEASE MEASURES

6.1 Measures to prevent harmful effects on people, environment, buildings, constructions and others in case of an accident and emergency

General actions required to be taken in accidents and emergencies : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.

Personal protective equipment in emergency situations (PPE of emergency teams)

Avoid contact with skin and eyes.
Special protective equipment for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

6.2 Procedure of actions for liquidation of accidents and emergencies

Actions in case of leaks, spills, spread (including the response measures and environmental precautions)

Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.
Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

7. HANDLING AND STORAGE

7.1 Safety measures for handling of the chemical product

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Systems of engineering safety measures (including the organization of local and general ventilation, requirements for electrical equipment, measures to eliminate static electricity)

For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
General industrial hygiene practice.
Normal measures for preventive fire protection.

Environmental protection measures

Guidelines for safe transfer and transportation

7.2 Storage rules of chemical products

Storage terms and conditions (including the substances and materials being incompatible during storage)

Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.
Storage stability:
Materials to avoid: No materials to be especially mentioned.
Remarks: No decomposition if stored and applied as directed.

Packaging (including the materials from which it is made)

Safety measures and storage rules in household use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Working zone parameters which need to be monitored in a mandatory manner (TLVs or SRLI in the working zone air), in accordance with the requirements of the country(ies) in the market of which the products are in circulation

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.3 Personal protective equipment for the personnel

Respiratory protection : No personal respiratory protective equipment normally required.

Special protective clothes : Protective suit

Hand protection means

Remarks : Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye protection means : Equipment should conform to EN 166

9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state (including the state of aggregation)	: liquid
Colour	: in accordance with the product description
Odour	: No information available.
Odour Threshold	: No data available
Melting point/freezing point	: 0,0 °C(calculation method (principal components, lowest value))
Initial boiling point/boiling point/boiling range	: 100 °C(calculation method (principal components, lowest value))
pH	: No data available
Viscosity	
Viscosity, kinematic	: > 21 mm ² /s (40 °C)
Solubility	
Water solubility	: completely miscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Density and / or relative density	: 1,0 - 1,1 g/cm ³
VOC	: (Directive 2004/42/EC) 1 g/l

10. STABILITY AND REACTIVITY

10.1 Chemical stability (indicate dangerous decomposition products for unstable products)	: No decomposition if stored and applied as directed. No hazardous decomposition products are known.
10.2 Reactivity	: No decomposition if stored and applied as directed.
10.3 Conditions to be avoided (including hazardous manifestations in contact with incompatible substances and materials)	: No data available Incompatible materials: Incompatible with strong acids and bases. Possibility of hazardous reactions: Stable under recommended storage conditions. No hazards to be specially mentioned.

11. TOXICOLOGICAL INFORMATION

11.1 General characteristic of exposure (hazard level (toxicity) as-

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Assessment on the body and the most characteristic manifestations of hazard)

11.2 Routes of exposure (inhalation, ingestion, skin and eye contact) No data available

11.3 Target organs, tissues and systems of a human body No data available

11.4 Data on health hazards in case of direct contact with products, as well as consequences of such an impact (irritating action on the upper respiratory tract, eyes, skin; skin-resorptive and sensitizing action)

Serious eye damage/eye irritation

Components:

Zinc pyridinethione:

Result : Corrosive

11.5 Data on hazardous long-term effects of products exposure to an organism (impact on the reproductive system, carcinogenicity, mutagenicity, cumulativity and other chronic effects)

11.6 Acute toxicity indices [LD50, exposure route (intragastrically, epidermally), animal species; LC50, exposure time (h), animal species]

Acute toxicity

Components:

Zinc pyridinethione:

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

Further information

Product:

Remarks : No data available

12. ECOLOGICAL INFORMATION

12.1 General characteristic of the impact on environmental objects (atmospheric air, water bodies, soils, including observed signs of impact)

12.2 Routes of environmental impact

12.3 Most important characteristics of environmental impact

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

Components	Air	Water	Soil	Data

SAFETY DATA SHEET



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				Source
Zinc pyridinethione 13463-41-7	TSEL: 0,01 mg/m ³	MPC: 0,01 Milligrams per cubed decimeter Limiting health hazard indicator: toxic Hazard class: 3 MPC: 0,05 Milligrams per cubed decimeter Limiting health hazard indicator: toxic Hazard class: 3	No data avail- able	List 2 List 5

For explanation of abbreviations see section 16.

Ecotoxicity indices [LC, EC, NOEC and others for fish (96 h), daphnia (48 h), algae (72 or 96 h) and others]

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.

Migration and transformation in the environment due to biodegradation and other processes (oxidation, hydrolysis, etc.)

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

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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 with long lasting effects.

Endocrine disrupting properties

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Safety measures for handling the wastes to be generated in the use, storage, transportation Waste handling measures are similar to those provided for the handling of the basic product (see Sections 7, 8)

13.2 Data on the places and methods of neutralization, disposal, burial or destruction of product wastes, including packaging The product should not be allowed to enter drains, water courses or the soil.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

13.3 Guidelines for the disposal of wastes to be generated in the household use of products

14. TRANSPORT INFORMATION

14.1 UN number **UNRTDG:** Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA: Not regulated as a dangerous good

14.2 Proper shipping and transport names **UNRTDG:** Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA: Not regulated as a dangerous good

14.3 Applicable modes of transport The product is transported by all means of transport in accordance with the cargo transportation rules that are valid for this means of transport

14.4 Hazard classification of goods as per GOST 19433 No information available.

14.5 Hazard classification of goods (including the group of packing) **UNRTDG:** Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA (Cargo): Not regulated as a dangerous good
IATA (Passenger): Not regulated as a dangerous good

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15. REGULATORY INFORMATION

15.1 National laws

No information available.

Data on the documentation regulating the requirements for the health and environmental protection

No information available.

15.2 International conventions and agreements (whether the product is regulated by the Montreal Protocol, Stockholm Convention, etc.)

16. OTHER INFORMATION

16.1 Data on the SDS edition (re-edition) (where the following is indicated: "SDS was developed for the first time" or "SDS was re-edited. Previous identification data of the SDS ...")

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16.2 List of data sources used for compiling the safety data sheet

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
List 5	:	Order of the Russian Federal Fisheries Agency "Standards of maximum permissible concentrations of harmful substances in fishery water bodies"

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; 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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median

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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 - Organisation 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

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