

# SAFETY DATA SHEET

## SPEKTRA DECOR COPPER



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	28.11.2023	MAT000401618IN/EN	Date of first issue: 28.11.2023

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SPEKTRA DECOR COPPER

Product code : 40161802

#### 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

एम्बुलेंस और आपातकाल 102

#### 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

#### Manufacture, Storage and Import of Hazardous Chemicals Rules 1989

##### Classification

Not classified as hazardous according to criteria laid down in Part I of Schedule-1.

##### GHS Classification

Not a hazardous substance or mixture.

##### GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

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

Chemical name	CAS-No.	Concentration (% w/w)
copper	7440-50-8	>= 20 - < 30

### 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.

If inhaled : If breathed in, move person into fresh air.

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 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/ attention.

If swallowed : 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

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

Specific extinguishing methods : 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.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency measures : Avoid contact with skin and eyes.  
Do not flush into surface water or sanitary sewer system.

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agency procedures	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.

### 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.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
copper	7440-50-8	TWA (Dust and mist)	1 mg/m <sup>3</sup> (Copper)	ACGIH
		TWA (Fumes)	0,2 mg/m <sup>3</sup> (Copper)	ACGIH

#### 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

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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.

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### 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 : 1,58 - 1,62 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : completely miscible

Solubility in other solvents : No data available

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

Viscosity  
Viscosity, kinematic : > 20,5 mm<sup>2</sup>/s ( 40 °C)

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

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### 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

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Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	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**

Not classified based on available information.

#### **Skin corrosion/irritation**

Not classified based on available information.

#### **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.

##### **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.

### 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

#### **Components:**

**copper:**

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Toxicity to fish : LC50 (Fish):  $\geq 1,41$

Toxicity to algae/aquatic plants : EC50 ( algae):  $\geq 0,04$  mg/l

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

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## 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.

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## 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 IMO instruments**

Not applicable for product as supplied.

### **Special precautions for user**

Not applicable

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## 15. REGULATORY INFORMATION

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

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## 16. OTHER INFORMATION

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### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA : 8-hour, time-weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; 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; ERG - Emergency Response Guide; 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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; WHMIS - Workplace Hazardous Materials Information System

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