

Ramsauer GmbH & Co KG  
5350 Strobl / Wolfgangsee

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Version 1.0

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

### 1.1 Product identifier

**Parkett 422**

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

#### 1.2.1 Relevant uses

Acryl sealing material

#### 1.2.2 Uses advised against

None known.

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

#### Company

Ramsauer GmbH & Co KG  
Alte Bundesstraße 147  
5350 Strobl / Wolfgangsee / AUSTRIA  
Phone +43 (0)6135 8205 0  
Fax +43 (0)6135 8205-250  
Homepage [www.ramsauer.eu](http://www.ramsauer.eu)  
E-mail [office@ramsauer.eu](mailto:office@ramsauer.eu)

#### Address enquiries to

#### Technical information

[office@ramsauer.at](mailto:office@ramsauer.at)

#### Safety Data Sheet

[sdb@chemiebuero.de](mailto:sdb@chemiebuero.de) (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

### 1.4 Emergency telephone number

#### Advisory body

+43 (0) 1 406 43 43 (24h)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

No classification.

### 2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

#### Hazard pictograms

none

#### Signal word

none

#### Hazard statements

none

#### Precautionary statements

none

#### Special labelling

EUH210 Safety data sheet available on request.

Product treated with preservatives C(M)IT/MIT (3:1) (CAS:55965-84-9).

Contains: 1,2-benzisothiazol-3(2H)-one, Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1). EUH208 May produce an allergic reaction.

### 2.3 Other hazards

#### Human health dangers

Frequent persistent contact with the skin can cause skin irritation.

#### Environmental hazards

Does not contain any PBT or vPvB substances.

Contains no ingredients with endocrine-disrupting properties.

#### Other hazards

Further hazards were not determined with the current level of knowledge.

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

The product is a mixture.

Range [%]	Substance
1 - <5	Quartz (≤10µm)
	CAS: 14808-60-7, EINECS/ELINCS: 238-878-4
	GHS/CLP: STOT RE 1: H372
0.005 - <0.05	1,2-benzisothiazol-3(2H)-one
	CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6
	GHS/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400, M-Factor (acute): 1
	SCL [%]: ≥0.05: Skin Sens. 1: H317
<0.002	Pyridine-2-thiol 1-oxide, sodium salt
	CAS: 3811-73-2, EINECS/ELINCS: 223-296-5, EU-INDEX: 613-344-00-7
	GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 4: H312 - Acute Tox. 4: H332 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 100, M-Factor (chronic): 10
0.00015 - <0.0015	Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1)
	CAS: 55965-84-9, EINECS/ELINCS: 611-341-5, EU-INDEX: 613-167-00-5
	GHS/CLP: Acute Tox. 3: H301 - Acute Tox. 2: H310 - Skin Corr. 1C: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Acute Tox. 2: H330 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - EUH071, M-Factor (acute): 100, M-Factor (chronic): 100
	SCL [%]: 0.0015: Skin Sens. 1A: H317, 0.06 - <0.6: Skin Irrit. 2: H315, 0.6: Skin Corr. 1C: H314, 0.06 - <0.6: Eye Irrit. 2: H319, 0.6: Eye Dam. 1: H318

#### Comment on component parts

The quartz in this preparation is not available on foreseeable use.  
For full text of H-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Take off contaminated clothing and wash before reuse.

#### Inhalation

Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

#### Skin contact

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

#### Eye contact

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.

#### Ingestion

Seek medical advice immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions  
Irritant effects

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray jet.  
Dry powder.  
Carbon dioxide.  
Foam.

#### Extinguishing media that must not be used

Full water jet.

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## 5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:  
Carbon monoxide (CO)

## 5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.  
High risk of slipping due to leakage/spillage of product.  
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically.  
Take up residues with absorbent material (e.g. sand, sawdust, general purpose binder, diatomaceous earth).  
Dispose of absorbed material in accordance with the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures necessary if used correctly.

Wash hands before breaks and after work.  
Use barrier skin cream.  
Take off contaminated clothing and wash before reuse.  
Do not eat or drink when working.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.  
Prevent penetration into the ground.  
Do not store together with food and animal food/diet.  
Keep in a cool place. Store in a dry place.  
Protect from heat/overheating.  
Keep away from frost.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

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## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
<b>Eye protection</b>	Safety glasses. (EN 166:2001)
<b>Hand protection</b>	0.7 mm Butyl rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	Protective clothing (EN 340)
<b>Other</b>	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
<b>Respiratory protection</b>	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	Protect the environment by applying appropriate control measures to prevent or limit emissions.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Form</b>	pasty
<b>Color</b>	various
<b>Odor</b>	characteristic
<b>Odour threshold</b>	not determined
<b>pH-value</b>	not determined
<b>pH-value [1%]</b>	not determined
<b>Boiling point or initial boiling point and boiling range [°C]</b>	not applicable
<b>Flash point [°C]</b>	not applicable
<b>Flammability</b>	not relevant
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidising properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	not determined
<b>Density [g/cm<sup>3</sup>]</b>	not determined
<b>Relative density</b>	not determined
<b>Bulk density [kg/m<sup>3</sup>]</b>	not applicable
<b>Solubility in water</b>	virtually insoluble
<b>Solubility other solvents</b>	No information available.
<b>Partition coefficient n-octanol/water (log value)</b>	not determined
<b>Kinematic viscosity</b>	not applicable
<b>Relative vapour density</b>	not relevant
<b>Evaporation speed</b>	not relevant
<b>Melting point [°C]</b>	not relevant
<b>Auto-ignition temperature [°C]</b>	not applicable
<b>Decomposition temperature [°C]</b>	not determined
<b>Particle characteristics</b>	No information available.

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## 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

### 10.4 Conditions to avoid

See SECTION 7.2.

### 10.5 Incompatible materials

not determined

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, oral, Rat, 670-784 mg/kg (EPA Guideline)
LD50, oral, Rat, 1020 mg/kg
NOAEL, oral, Rat, 10 mg/kg/90d (OECD 408)
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LD50, oral, Rat, 1208 mg/kg
Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1), CAS: 55965-84-9
LD50, oral, 64 mg/kg (ECHA. CLH Report)
LD50, oral, Rat, 53 mg/kg

#### Acute dermal toxicity

Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat, > 5000 mg/kg (EPA OPP 81-2)
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LD50, dermal, Rabbit, 1800 mg/kg
Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1), CAS: 55965-84-9
LD50, dermal, Rabbit, 87.12 mg/kg (ECHA. CLH Report)

#### Acute inhalational toxicity

Based on available data, the classification criteria are not met.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, inhalative, Rat, 1.08 mg/l (4 h)
Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1), CAS: 55965-84-9
LC50, inhalative, Rat, 0.171 mg/l/4h (ECHA. CLH Report)

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Eye, Rabbit, EPA OPP 81-4 (100 mg), Causes serious eye damage.

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, irritant

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.  
May cause an allergic skin reaction.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, sensitising

#### Specific target organ toxicity — single exposure

Based on available data, the classification criteria are not met.

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**Specific target organ toxicity — repeated exposure** — Based on available data, the classification criteria are not met.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

NOAEL, oral, Rat, 69 mg/kg bw/day (OECD 407), The effects observed are not sufficient for classification.

**Mutagenicity** Does not contain a relevant substance that meets the classification criteria.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

in vitro, negativ

in vivo, negativ

**Reproduction toxicity** Does not contain a relevant substance that meets the classification criteria.

- Fertility

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

NOAEL, oral, Rat, 112 mg/kg bw/day (subchronic), no adverse effect observed

- Development No information available.

**Carcinogenicity** Does not contain a relevant substance that meets the classification criteria.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**General remarks**

Toxicological data of complete product are not available.

## 11.2 Information on other hazards

**11.2.1 Endocrine disrupting properties** Contains no ingredients with endocrine-disrupting properties.

**11.2.2 Other information** none

## SECTION 12: Ecological information

### 12.1 Toxicity

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

LC50, (96h), Oncorhynchus mykiss, 1.4 mg/l (OECD 203)

LC50, (96h), Oncorhynchus mykiss, 0.8 mg/l

EC50, (72h), Pseudokirchneriella subcapitata, 0.11 mg/l (OECD 201)

EC50, (48h), Daphnia magna, 1.05 mg/l (OECD 202)

EC50, (48h), Daphnia magna, 4.4 mg/l

EC10, (72h), Pseudokirchneriella subcapitata, 0.04 mg/l (OECD 201)

Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2

LC50, (96h), Oncorhynchus mykiss, 0.0066 mg/l

EC50, (48h), Daphnia magna, 0.022mg/l

Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1), CAS: 55965-84-9

LC50, (96h), Oncorhynchus mykiss, 0.19 mg/l

EC50, (48h), Daphnia magna, 0.18 mg/l

ErC50, Skeletonema costatum, 0.003 mg/l

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## 12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

## 12.3 Bioaccumulative potential

not determined

## 12.4 Mobility in soil

not determined

## 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

## 12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

## 12.7 Other adverse effects

none

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

#### Product

For recycling, consult manufacturer.  
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended) 080410

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.  
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150102

## SECTION 14: Transport information

### 14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable



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#### 14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

#### 14.7 Maritime transport in bulk according to IMO instruments

not applicable

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## SECTION 15: Regulatory information

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

#### EEC-REGULATIONS

2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148

- **Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- **Annex I (REACH)** The product is not subject to Annex I restrictions.
- **Annex XIV (REACH)** According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances  $\geq 0.1\%$  that are subject to authorisation.
- **Annex XVII (REACH)** According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains  $\geq 0.1\%$  of substances with the following restrictions. 75  
According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.

#### TRANSPORT-REGULATIONS

ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)

#### NATIONAL REGULATIONS (EU):

- **Observe employment restrictions for people** Observe employment restrictions for young people.
- **VOC (2010/75/CE)** 0 %

### 15.2 Chemical safety assessment

not applicable

## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 3)

H314 Causes severe skin burns and eye damage.  
H310 Fatal in contact with skin.  
H301 Toxic if swallowed.  
H410 Very toxic to aquatic life with long lasting effects.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H312 Harmful in contact with skin.  
H400 Very toxic to aquatic life.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H302 Harmful if swallowed.  
H372 Causes damage to lung through prolonged or repeated exposure if inhaled.

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## 16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
EL50 = Median effective loading  
ELINCS = European List of Notified Chemical Substances  
EmS = Emergency Schedules  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
IVIS = In vitro irritation score  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
LL50 = Median lethal loading  
LQ = Limited Quantities  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV@TWA = Threshold limit value – time-weighted average  
TLV@STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

## 16.3 Other information

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

### Classification procedure

Modified position none

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