

SAFETY DATA SHEET according to Regulation 1907/2006

Trade name: **Quartz Metallic**
Created on: **8.12.2014** · Revised on: **27.4.2020** · Version: **1**



Blik[®]
paints & varnishes

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

1.1. Product identifier

Trade name

Quartz Metallic



chemius.net/o2b9b

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

Relevant identified uses

Coating

Uses advised against

N.d.

1.3. Details of the supplier of the safety data sheet

Manufacturer

BLIK d.o.o.
Address: ULICA JOŽETA JAME 14, 1210 Ljubljana, Slovenia
Tel.: 01/5187175
E-Mail: blik.doo@amis.net
Contact person for the safety data sheet: PRIMOŽ ŠIFTAR

1.4. Emergency telephone number

Emergency telephone number

112

Supplier emergency telephone number

01/5187175

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

According to the regulations, the preparation is not classified as hazardous.

2.2 Label elements

2.2.1. Labelling of substances according to Regulation (EC) No. 1272/2008

Label elements according to Regulation (EC) No. 1272/2008 are not required.

2.2.2. Contains:

-

2.3. Other hazards

N.d.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

For mixtures, see 3.2.

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3.2. Mixtures

Name	CAS EC Index	%	Classification according to Regulation (EC) No. 1272/2008	Specific concentration limits	REACH-Registration No.
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) ^{B]}	55965-84-9 - 613-167-00-5	<0.0015	Acute Tox. 3; H301 Acute Tox. 2; H310 Skin Corr. 1C; H314 Skin Sens. 1A; H317 Eye Dam. 1; H318 Acute Tox. 2; H330 Aquatic Acute 1; H400 [M=100] Aquatic Chronic 1; H410 [M=100] EUH071	Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %	-

Notes on ingredients: _____

B Some substances (acids, bases, etc.) are placed on the market as aqueous solutions at different concentrations; this also requires different classification and labelling, as the different concentrations may entail different hazards.

In Part 3, entries with Note B have general designations such as "nitric acid ... %".

In this case, the supplier must state the concentration as a percentage on the label. Unless otherwise specified, % is always to be understood as percentage by weight.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General notes _____

Never give anything by mouth to an unconscious person.

After inhalation

Move the injured person to fresh air - leave contaminated area. If symptoms persist, consult a doctor.

After skin contact

Remove clothing and shoes contaminated with product. If symptoms persist, seek medical advice. Body parts that came into contact with the preparation should be rinsed with water.

After eye contact

Immediately rinse open eyes, also under the eyelids, with plenty of running water. If irritation persists, consult medical service/doctor!

After ingestion

Do not induce vomiting. Rinse mouth with water. If in doubt or if condition worsens, seek medical help. Show the doctor the safety data sheet or label.

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

Inhalation

-

Skin contact

-

Eye contact

-



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Ingestion

-

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

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SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide. Alcohol-resistant foam. Extinguishing powder. Water spray.

Unsuitable extinguishing media

Water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

-

5.3. Advice for firefighters

Protective measures

-

Special protective equipment for firefighters

Protective clothing for firefighters (DIN EN 469:2005+A1:2006+AC:2006); firefighters' helmets for firefighting (DIN EN 443:2008); footwear for firefighters (DIN EN 15090:2012); firefighters' protective gloves (DIN EN 659:2003+A1:2008); breathing apparatus (DIN EN 137:2006).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal protective equipment

Wear personal protective equipment (see Section 8).

Measures in case of accident

Ensure adequate ventilation.

6.1.2. Emergency responders

-

6.2. Environmental precautions

Do not allow to enter drains/watercourses/effluents or permeable soil. In case of contamination of water or soil, notify the local authorities.

6.3. Methods and material for containment and cleaning up

6.3.1. Containment

-

6.3.2. Cleaning up

Absorb preparation with inert materials, collect in suitable containers and remove for disposal in accordance with applicable regulations.

6.3.3. Other information

-

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6.4. Reference to other sections

See also Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

7.1.1. Protective measures

Measures to prevent fires

Ensure good ventilation.

Measures to prevent aerosol and dust formation

-

Measures to protect the environment

-

7.1.2. Advice on general occupational hygiene

Maintain personal hygiene (wash hands before breaks and at the end of work). Do not eat, drink or smoke while working. Do not inhale vapours/aerosol.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Technical measures and storage conditions

Store in a cool, well-ventilated place; keep away from food, drink and animal feedingstuffs.

7.2.2. Packaging materials

-

7.2.3. Requirements for storage rooms and containers

-

7.2.4. Instructions for storage equipment

-

Storage class (TRGS 510): 12

7.2.5. Further information on storage conditions

-

7.3. Specific end use(s)

Recommendations

-

Industrial sector specific solutions

-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

8.1. Control parameters

8.1.1. Occupational exposure controls

N.d.

8.1.2. Information on monitoring procedures

DIN EN 482 Workplace exposure - General requirements for the performance of procedures for measuring chemical agents; German version EN 482:2012+A1:2015. DIN EN 689:2016 Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values.

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8.1.3. DNEL/DMEL values

N.d.

8.1.4. PNEC values

N.d.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Substance/mixture-related measures to prevent exposure for identified uses

Maintain personal hygiene: wash hands before breaks and after finishing work.

Technical measures to prevent exposure

Ensure good ventilation and local extraction in areas with higher concentrations.

8.2.2. Personal protective equipment

Eyeface protection

Safety glasses with side protection (DIN EN 166:2002).

Hand protection

Protective gloves (DIN EN ISO 374-1:2018).

Body protection

Protective clothing (DIN EN ISO 13688:2013-12) and safety shoes (DIN EN ISO 20345:2012-04).

Respiratory protection

-

Thermal hazards

-

8.2.3. Environmental exposure controls

-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

-	Physical state:	liquid
-	Colour:	Specified on the label
-	Odour:	characteristic

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Important health, environmental and safety information

-	pH value	N.d.
-	Melting point/range	N.d.
-	Initial boiling point and boiling range	approx. 100 °C
-	Flash point	N.d.
-	Evaporation rate	N.d.
-	Flammability (solid, gas)	N.d.
-	Explosion limits	N.d.
-	Vapour pressure	N.d.
-	Vapour density	N.d.
-	Density	Relative density: > 1
-	Solubility	Water: soluble
-	Partition coefficient	N.d.
-	Auto-ignition temperature	N.d.
-	Decomposition temperature	N.d.
-	Viscosity	N.d.
-	Explosive properties	N.d.
-	Oxidising properties	N.d.

9.2. Other information

-	Note:	
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SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

-

10.2. Chemical stability

The product is stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

-

10.4. Conditions to avoid

No special conditions. Follow handling and storage recommendations.

10.5. Incompatible materials

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10.6. Hazardous decomposition products

When used properly there are no hazardous decomposition products. In case of combustion/explosion, smoke is formed, which poses a health hazard.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

(a) Acute toxicity

Name	Exposure route	Type	Species	Time	Value	Method	Remark
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	oral	LD ₅₀	Rat		53 mg/kg		
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	inhalation	LC ₅₀	Rat	4 h	0.33 mg/l		Dust/aerosol

(b) Skin corrosion/irritation

N.d.

(c) Serious eye damage/irritation

N.d.

(d) Respiratory/skin sensitisation

N.d.

(e) Germ cell mutagenicity

N.d.

(f) Carcinogenicity

N.d.

(g) Reproductive toxicity

N.d.

Summary evaluation of CMR properties

N.d.

(h) Specific target organ toxicity - single exposure

N.d.

(i) Specific target organ toxicity - repeated exposure

N.d.

(j) Aspiration hazard

N.d.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Acute toxicity

For ingredients

Components (CAS)	Typ	Value	Exposure duration	Species	Organism	Method	Remark
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	EC ₅₀	0.16 mg/L	48 h	Crustaceans			
	LC ₅₀	0.19 mg/L	96 h	Fish			
	EC ₅₀	0.018 mg/L	72 h	Algae			

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Components (CAS)	Typ	Value	Exposure duration	Species	Organism	Method	Remark
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	NOEC	0.01 mg/L	72 h	Algae	Pseudokirchneriella subcapitata		

12.2. Persistence and degradability12.2.1. Abiotic degradability, physical and photochemical elimination

N.d.

12.2.2. Biodegradation

N.d.

12.3. Bioaccumulative potential12.3.1. Partition coefficient

N.d.

12.3.2. Bioconcentration factor (BCF)

N.d.

12.4. Mobility in soil12.4.1. Known or predicted distribution in environmental compartments

N.d.

12.4.2. Surface tension

N.d.

12.4.3. Adsorption / desorption

N.d.

12.5. Results of PBT and vPvB assessment

The assessment has not been carried out.

12.6. Other adverse effects

N.d.

12.7. Other information**For the product**

Prevent entry into groundwater, surface waters and drains.

SECTION 13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**13.1.1. Product/packaging disposal**Product**

Dispose of in accordance with regulations: hand over waste to an authorised special-waste collector / hazardous waste disposal service.

Contaminated packaging

Dispose of completely emptied packaging according to regulations.

13.1.2. Information relevant to waste treatment

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13.1.3. Information relevant to sewage disposal

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13.1.4. Other disposal recommendations

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SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Not applicable.

14.2. UN proper shipping name

ADR, RID, IMDG, ADN, IATA: not dangerous goods.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

NO.

14.6. Special precautions for user

Not applicable.

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

Not applicable.

SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No. 1272/2008 [CLP]
- Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Occupational exposure limits (TRGS 900)
- List of carcinogenic, mutagenic or reprotoxic substances (TRGS 905)
- MAK and BAT values list 2013

15.1.1. VOC value according to Directive 2004/42/EC

Not applicable.

15.2. Chemical safety assessment

Chemical safety assessment is not available.

SECTION 16. OTHER INFORMATION

Changes

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Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road



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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardization
C&L - Classification and labelling
CLP - Regulation on classification, labelling and packaging; Regulation (EC) No. 1272/2008
CAS No. - Chemical Abstracts Service number
CMR - Carcinogen, mutagen or reproductive toxicant
CSA - Chemical safety assessment
CSR - Chemical safety report
DMEL - Derived minimal effect level
DNEL - Derived no-effect level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream user
EC - European Community
ECHA - European Chemicals Agency
EC number - EINECS and ELINCS number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Chemical Substances
ELINCS - European List of Notified Chemical Substances
EN - European Standard
EQS - Environmental quality standard
EU - European Union
Euphrac - European phrase catalogue
EWC - European Waste Catalogue (replaced by LoW - see below)
GES - Generic exposure scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods Code
IMSBC - International Maritime Solid Bulk Cargoes Code
IT - Information technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union of Pure and Applied Chemistry
JRC - Joint Research Centre
Kow - Octanol-water partition coefficient
LC₅₀- Concentration lethal to 50 % of a test population
LD₅₀- Dose lethal to 50 % of a test population (median lethal dose)
LE - Legal entity
LoW - List of waste (see <http://ec.europa.eu/environment/waste/framework/list.htm>)
LR - Lead registrant
M/I - Manufacturer/importer
MS - Member State
MSDS - Material safety data sheet
OC - Operational conditions
OECD - Organisation for Economic Co-operation and Development
OEL - Occupational exposure limit
OJ - Official Journal
OR - Only representative
OSHA - European Agency for Safety and Health at Work
PBT - Persistent, bioaccumulative and toxic substance
PEC - Predicted effect concentration
PNEC - Predicted no-effect concentration(s)
PPE - personal protective equipment
(Q)SAR - Qualitative structure-activity relationship
REACH - Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No. 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH implementation project
RMM - Risk management measure
SCBA - Self-contained breathing apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum



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SME - Small and medium-sized enterprises
STOT - Specific target organ toxicity
(STOT) RE - Repeated exposure
(STOT) SE - Single exposure
SVHC - Substances of very high concern
UN - United Nations
vPvB - Very persistent and very bioaccumulative

Sources of key data used to compile the data sheet

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Meaning of the H-statements from Section 3 of the data sheet

H301 Toxic if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.



- Guaranteed correct labelling of the product
- Harmonised with local legislation
- Guaranteed correct classification of the product
- Guaranteed appropriate transport information

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This version replaces all previous editions. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide guidance for the safe handling of the product named in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. If the product named in this safety data sheet is mixed with other materials, blended, processed or subjected to treatment, the information in this safety data sheet, unless expressly stated otherwise, cannot be transferred to the newly produced material.