

Creation date

Revision date

1.1.

SAFETY DATA SHEET according to Commission Regulation (EU) 2020/878 as amended REMAL plus, REMAL sněhobílý, REMAL profi, REMAL expert, REMAL color, REMAL struktura 21st January 2019 20th April 2023 Version 7.0 SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product identifier** REMAL plus, REMAL sněhobílý, REMAL profi, REMAL expert, REMAL color, REMAL struktura Substance / mixture mixture Other mixture names **INTERIOR PAINT**

1.2. Relevant identified uses of the substance or mixture and uses advised against Mixture's intended use Water-based paint for interior plaster. Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	BARVY A LAKY TELURIA, s.r.o.
Address	č.p.1, Skrchov, 679 61
	Czech Republic
Identification number (CRN)	43420371
VAT Reg No	CZ43420371
Phone	+420 516 474 211
E-mail	info@teluria.cz
Web address	http://www.bal.cz
Competent person responsible for the safe	ty data sheet
Name	Ing. Markéta Chalupová, Ph.D.
E-mail	marketa.chalupova@teluria.cz
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1.4. **Emergency telephone number**

European emergency number: 112

SECTION 2: Hazards identification

Classification of the substance or mixture 2.1.

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

May cause an allergic reaction.

2.2. Label elements

Supplemental information	
EUH208	Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol, 1,2- benzoisothiazol-3(2H) -on+, octhilinone (ISO), reakční směs : 5-chlor-2- methylisothiazol-3(2H) -on [číslo ES 247-500-7] a 2-methylisothiazol-3(2H)-on [číslo ES 220-239-6] (3:1). May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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Density		1,4 - 1,65 g/cm³ při 20 °C		
VOC limit value	e	cat. A (a) WB: 30) g/l	
Max. VOC content in the product in its ready to use condition		≤ 6 g/l; 10 g/l R.	color	

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 613-114-00-6 CAS: 4719-04-4 EC: 225-208-0	2,2',2"-(hexahydro-1,3,5-triazine-1,3,5- triyl)triethanol	0,03	Acute Tox. 4, H302 Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1, H317: $C \ge 0.1 \%$	
Index: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9	1,2-benzisothiazol-3(2H)-one	0,009	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Specific concentration limit: Skin Sens. 1, H317: $C \ge 0.05 \%$	
Index: 613-167-00-5 CAS: 55965-84-9	reaction mass of: 5-chloro-2- methyl-4- isothiazolin-3-one [EC no. 247-500-7]and 2 -methyl-2H -isothiazol-3- one [EC no. 220- 239-6] (3:1)	<0,002	Acute Tox. 3, H301, H311, H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Specific concentration limit: Eye Irrit. 2, H319: $0.06 \% \le C < 0.6 \%$ Skin Sens. 1, H317: $C \ge 0.0015 \%$ Skin Irrit. 2, H315: $0.06 \% \le C < 0.6 \%$ Skin Corr. 1B, H314: $C \ge 0.6 \%$	1



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Identification numbers	Substance name	Content in % weight	5	Note
Index: 613-112-00-5 CAS: 26530-20-1 EC: 247-761-7	octhilinone (ISO)	0,001	Acute Tox. 3, H301+H311 Skin Corr. 1, 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) Specific concentration limit: Skin Sens. 1A, H317: $C \ge 0.0015$ % ATE Inhalation (dust/mist) = 0,27 mg/l ATE Dermal = 311 mg/kg bw ATE Oral = 125 mg/kg bw	
Index: 603-030-00-8 CAS: 141-43-5 EC: 205-483-3	2-aminoethanol	0,0008	Acute Tox. 4, H302, H312, H332 Skin Corr. 1B, H314 Specific concentration limit: STOT SE 3, H335: $C \ge 5 \%$	2

Notes

- 1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- 2 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.



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Not expected. If on skin May cause an allergic skin reaction. If in eyes Not expected. If swallowed Not expected.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Follow the instructions in the Sections 7 and 8.

6.2. **Environmental precautions**

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

6.4. **Reference to other sections** See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

min 5 °C, max 40 °C

Storage temperature 7.3. Specific end use(s)

Water-based paint for interior plaster.

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SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

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European Union	Com	mission Directive 2006/15/EC	
Substance name (component)	Туре	Value	Note
	OEL 8 hours	2,5 mg/m ³	
	OEL 8 hours	1 ppm	
2-aminoethanol (CAS: 141-43-5)	OEL 15 minutes	7,6 mg/m ³	Skin
	OEL 15 minutes	3 ppm	

8.2. **Exposure controls**

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

When handling in long-term or repeatedly, use protective gloves.

Respiratory protection

It is not needed. When aerosol formation aerosol respirator.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	according to the shade
Odour	without fragrance
Melting point/freezing point	0 °C
Boiling point or initial boiling point and boiling range	100 °C
Flammability	The product is non-flammable.
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	8,0-11,0 (undiluted)
Kinematic viscosity	data not available
Solubility in water	miscible
Solubility in fats	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	

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	Density		1,4 - 1,65 g/cm³	at 20 °C
Relative vapour density		data not available		
Particle characteristics		data not available		
Form			liquid, thixotropic	
9.2. Of	ther information			
E۱	aporation rate		data not available	e
Ex	plosive properties		The product does	not have explosive properties.

Explosive properties VOC limit value Max. VOC content in the product in its ready to use condition

SECTION 10: Stability and reactivity

- 10.1. Reactivity
- not available

10.2. Chemical stability

- The product is stable under normal conditions.
- **10.3.** Possibility of hazardous reactions Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

cat. A (a) WB: 30 g/l

≤ 6 g/l; 10 g/l R.color

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

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octhilinone (ISO)
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Route of exposure	Parameter	Value	Exposure time	Species	Sex
Inhalation (dust/mist)	ATE	0.27 mg/l			
Dermal	ATE	311 mg/kg bw			
Oral	ATE	125 mg/kg bw			

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. The mixture contains a limited amount of 3-iodo-2propynyl-N-butyl carbamate, BIT, CMIT, MIT, which are skin sensitizers. H317 However, these effects are not a reason for classification.

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REMAL plus, REMAL sněhobílý, REMAL profi, REMAL expert, REMAL color, REMAL struktura Creation date 21st January 2019 Revision date 20th April 2023 Version 7.0 Germ cell mutagenicity Based on available data the classification criteria are not met. Carcinogenicity Based on available data the classification criteria are not met. **Reproductive toxicity** Based on available data the classification criteria are not met. Toxicity for specific target organ - single exposure Based on available data the classification criteria are not met. Toxicity for specific target organ - repeated exposure Based on available data the classification criteria are not met. Aspiration hazard Based on available data the classification criteria are not met. 11.2. Information on other hazards

not available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

No information available for the mixture. The mixture should not be allowed to enter soil, water and sewage sources. More information

Avoid release to the environment.

- 12.2. Persistence and degradability The mixture is biodegradable.
- 12.3. Bioaccumulative potential Insignificant.
- 12.4. Mobility in soil Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

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Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Packaging waste type code

15 01 02 plastic packaging

SECTION 14: Transport information

- 14.1. UN number or ID number
 - not subject to transport regulations
- **14.2.** UN proper shipping name not relevant
- 14.3. Transport hazard class(es) not relevant

14.4. Packing group not relevant

- 14.5. Environmental hazards
- **14.6.** Special precautions for user Reference in the Sections 4 to 8.
- **14.7.** Maritime transport in bulk according to IMO instruments not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

Not worked out.

SECTION 16: Other information

A list of standard	risk phrases used in the safety data sheet
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

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H317	May cause an aller		
H318	Causes serious eye	5	
H319	Causes serious eye	irritation.	
H330	Fatal if inhaled.		
H331	Toxic if inhaled.		
H332	Harmful if inhaled.		
H335	May cause respirate	•	
H400	Very toxic to aquat		-
H410		ic life with long lasting e	ffects.
H301+H311		or in contact with skin.	
A list of addit	ional standard phrases used in th	_	
EUH208	benzoisothiazol-3(2 methylisothiazol-3([číslo ES 220-239-6	H) -on+, octhilinone (IS 2H) -on [číslo ES 247-50 5] (3:1). May produce ar	-
EUH211	breathe spray or m	ist.	y be formed when sprayed. Do not
Other import	ant information about human hea	Ith protection	
as per the Sec	tion 1. The user is responsible for ad	nerence to all related he	er/importer - used for purposes other than alth protection regulations.
Key to abbrev	viations and acronyms used in the	e safety data sheet	
ADR	European agreeme road	nt concerning the interna	ational carriage of dangerous goods by
BCF	Bioconcentration Fa	actor	
CAS	Chemical Abstracts	Service	
CLP	Regulation (EC) No substance and mixt	•	tion, labelling and packaging of
EC	Identification code	for each substance listed	1 in EINECS
EINECS	European Inventory	of Existing Commercial	Chemical Substances
EmS	Emergency plan	-	
EU	European Union		
EuPCS	•	Categorisation System	
IATA	International Air Tr		
IBC		For The Construction An	d Equipment of Ships Carrying
ICAO	5	viation Organization	
IMDG		me Dangerous Goods	
IMO	International Mariti	5	
INCI		nclature of Cosmetic Ing	aredients
ISO		ization for Standardizati	
IUPAC	-	of Pure and Applied Che	
log Kow	Octanol-water parti		
OEL	Occupational Expos		
PBT	Persistent, Bioaccu		
ppm	Parts per million		
REACH		ation. Authorisation and	Restriction of Chemicals
RID		ransport of dangerous g	
	g. comone on the t		· · · · · · / · -···

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UN	Four-figure identif Model Regulations		stance or article taken from the UI	N
UVCB		Substances of unknown or variable composition, complex reaction products or biological materials		
VOC	Volatile organic co	ompounds		
vPvB	Very Persistent ar	d very Bioaccumulative		
Acute Tox.	Acute toxicity			
Aquatic Acute	Hazardous to the	aquatic environment		
Aquatic Chronic	Hazardous to the	aquatic environment (chro	nic)	
Eye Dam.	Serious eye dama	ge		
Skin Corr.	Skin corrosion			
Skin Sens.	Skin sensitization			
STOT SE	Specific target or	jan toxicity - single exposu	ire	
Training guidelines	5			
Inform the personne ways of handling the		ys of use, mandatory prot	ective equipment, first aid and pr	ohibit

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 7.0 replaces the SDS version from 19 September 2022. Changes were made in sections 1, 2, 12, 13, 15 and 16.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

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