

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



- ✓ **Ensures a perfect surface**
100% better result at first sight.
 Designed for perfection. Ideal for professionals and hobby printers who demand a perfect finish.
- ✓ **No white residue**
 Achieve a flawless finish every time. Our Resin Finisher Pro leaves no white residue, ensuring you get a perfect finish every time.
- ✓ **Safer and gentler than an IPA**
 Prioritise safety without compromising efficiency. Our formula is gentler than IPA and is completely non-flammable.
- ✓ **Ecological and safe formula**
 Protect your projects and the environment with our non-toxic, biodegradable formula.
- ✓ **Easy disposal and ecological composition**
 Take care of the environment, while you print in peace. Our eco-friendly formula ensures easy disposal and minimizes environmental impact.

Procedure for use:

1/3 Pour the necessary of water into the resin print cleaner

2/3 **dosage**

1:40, pour 100 ML of our finisher into 4 L of water.

3/3 Rinse and allow to drain

Warning and safety:

Contains: 1-methoxypropan-2-ol

May cause an allergic skin reaction. H319 Causes severe eye irritation.

H412 Harmful to aquatic organisms, with long-lasting effects. P102

Keep out of reach of children. P264 Wash hands thoroughly after handling and

affected body parts. P280 Wear protective gloves/protective

protective clothing/protective goggles/face shield. P303+P361+P353 IN CONTACT WITH SKIN (or hair).

Rinse gently with water for several minutes. Remove contact lenses, if they are fitted and if they can be removed easily. Continue rinsing.

P501 Remove contents/package by handing over to an authorised waste management person.

or return to the supplier.



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ALPHAPRINT - RESIN FINISHER PRO

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

1.1. Product identifier ALPHAPRINT - RESIN FINISHER PRO

Substance/mixture	blend
UFI	2N70-UOXT-900H-PX37

Relevant intended uses of the substance or mixture and non-recommended uses

Intended use of the mixture	After dilution 40x it is used for wetting in 3D printing technology.
Main intended use	PC-TEC-17 Excipients
Non-recommended use of the mixture	The product must not be used in ways other than those specified in Section 1.

1.3 Details of the supplier of the safety data sheet

Supplier

Name or business name	INCHEMA s.r.o
Address	Bystrá 761/10, Praha 9, 19300 Česká republika
Identification number (IČO)	64939014
VAT	CZ64939014
Phone	+420 728 627 980
Email	inchema@inchema.cz
Website address	www.inchema.cz

E-mail address of the competent person responsible for the safety data sheet

Name	INCHEMA s.r.o
Email	inchema@inchema.cz

1.4 Emergency telephone number

Emergency phone number:
Toxicology Information Centre,
Department of Occupational Medicine, General
University Hospital in Prague (24-hour service)
+420 224 91 92 93, 224 915 402.

SECTION 2: Hazard identification

Classification of the substance or mixture

The mixture is classified as hazardous.

Skin Sens. 1A, H317

Eye Irrit. 2, H319

Aquatic Chronic 3, H412

Most serious adverse effects on human health and the environment

May cause allergic skin reaction. Causes serious eye damage. Harmful to aquatic organisms, with long-term effects.

2.2. Elements of the marking

Hazard warning symbol



Signal word	Warning
Dangerous substances	Reaction mixture: 5-chloro-2-methylisothiazole-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1)

Standard hazard statements

H317	May cause an allergic skin reaction.
H319	Causes severe eye irritation.
H412	Harmful to aquatic organisms, with long-term effects.

Instructions for safe handling

P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling and affected body parts.
P280	Wear protective gloves/protective clothing/protective goggles/face shield.
P303+P361+P353	Wear protective gloves/protective clothing/protective goggles/face shield.
P305+P351+P338	IF EYE CONTAMINATION: Gently flush with water for several minutes. Remove contact lenses, if fitted and if they can be easily removed. Continue rinsing.
P501	Remove the contents/packaging by handing it over to an authorised person waste management or return to the supplier.

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ALPHAPRINT - RESIN FINISHER PRO

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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. The mixture shall not contain substances meeting the criteria for PBT or vPvB substances in accordance with Annex XIII, Regulation (EC) No 1907/2006 (REACH), as amended.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical characteristics

Aqueous solution.

The mixture contains the following dangerous substances and substances with specified maximum permissible concentrations in working air

Identification numbers	Name of substance	Content in % by weight	Classification according to Regulation (EC) No 1272/2008	Note.
	Alkyl ether karboxylová kyselina <7 Eye Dam. 1, H318	<7	Eye Dam. 1, H318	
Index: 603-002-00-5 CAS: 64-17-5 ES: 200-578-6 Registrační číslo: 01-2119457610-43-XXXX	ethanol	<1,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specifický koncentrační limit: Eye Irrit. 2, H319: C ≥ 50 %	2
Index: 603-085-00-8 CAS: 52-51-7 ES: 200-143-0	bronopol (INN)	<0,1	Acute Tox. 3, H301+H331 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411	
Index: 603-071-00-1 CAS: 111-42-2 ES: 203-868-0 Registrační číslo: 01-2119488930-28-XXXX	diethanolamin	<0,03	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Chronic 3, H412	2
Index: 613-167-00-5 CAS: 55965-84-9	reaction mixture: 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1)	0,01	Acute Tox. 3, H301 Acute Tox. 2, H310+H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 Specifický koncentrační limit: Eye Irrit. 2, H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A, H317: 0,0015 % ≤ C < 100 % Skin Irrit. 2, H315: 0,06 % ≤ C < 0,6 % Skin Corr. 1C, H314: 0,6 % ≤ C < 100 % Eye Dam. 1, H318: 0,6 % ≤ C < 100 %	1

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

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Revision date Version number 1.0



Notes

1 Note B: Certain substances (acids, hydroxides, etc.) are marketed in aqueous solutions of different concentrations and therefore require different classification and labelling because their hazard is different at different concentrations. In Part 3, entries with note B have a general indication of this type: '... % nitric acid'. In this case, the supplier must indicate on the label the concentration of the solution expressed as a percentage. Unless otherwise stated, it is assumed that The concentration is given as a percentage by weight. 2 Substance for which exposure limits are set. The full text of all classifications and standard hazard statements is given in section 16.

SECTION 4: Instructions for first aid

4.1 Description of first aid

Take care of your own safety. If you experience health problems or if in doubt, notify your doctor and provide him/her with the information in this MSDS.

If inhaled.

Immediately discontinue exposure, transport the affected person to fresh air. Secure the victim against cold. Secure medical treatment if irritation, shortness of breath or other symptoms persist.

In contact with skin

Remove stained clothing. Wash the affected area with plenty of lukewarm water if possible. If the skin has not been injured, soap, soap solution or shampoo may be used. Provide medical treatment if skin irritation persists.

In case of eye contact

Immediately flush the eyes with a stream of running water, open the eyelids (even forcibly); if the affected person has contact lenses, remove them immediately. Rinse for at least 10 minutes. Ensure medical if preferably professional treatment.

When ingested

Rinse your mouth with water and drink 2-5 dl of water. For a person who has a medical condition, provide medical treatment.

4.2 Most important acute and delayed symptoms and effects

If inhaled.

They are not expected.

In contact with skin

May cause an allergic skin reaction.

In case of eye contact

Causes severe eye irritation.

When ingested

Irritation, nausea.

4.3 Instruction regarding immediate medical assistance and special treatment

Symptomatic treatment.

SECTION 5: Fire-fighting measures

5.1 Fire extinguishing agents

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water splinter jet, water mist.

Unsuitable extinguishing agents

Water - full stream.

5.2. Special hazards arising from the substance or mixture

The mixture is neither flammable nor promotes combustion. Carbon monoxide, carbon dioxide and other toxic gases may be produced in a fire. Inhalation of hazardous decomposition (pyrolysis) products may cause serious damage to health.

5.3 Instructions for firefighters

Use an isolation breathing apparatus and full body protective suit. Do not let contaminated extinguishing agent escape into drains, surface water and groundwater. Closed containers with product in the vicinity of the fire, cool water.

SECTION 6: Measures in the event of accidental spillage

6.1 Measures to protect persons, protective equipment and emergency procedures

Wear personal protective equipment. Follow the instructions in Sections 7 and 8. Avoid contact with skin and eyes.

6.2 Environmental protection measures

Prevent soil contamination and leakage to surface or groundwater.

6.3 Methods and materials for containment and cleaning

Cover the spilled product with a suitable (non-flammable) absorbent material (sand, diatomaceous earth, soil, etc.) suitable absorbent materials), collect in tightly closed containers and dispose of as described in Section 13. At spillage of large quantities of product, notify the fire brigade and other competent authorities. After removal of the product wash the contaminated area with plenty of water. Do not use solvents.

6.4 Reference to other sections

See sections 7, 8 and 13.

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent the formation of gases and vapours in concentrations exceeding the maximum permissible concentrations for the workplace air. Avoid contact with skin and eyes. Do not remove contaminated work clothing from the workplace. Wash hands and affected body parts thoroughly after handling. Wear personal protective equipment according to Section 8. Observe applicable health and safety legislation. Avoid release into the environment.

7.2 Conditions for the safe storage of substances and mixtures, including incompatible substances and mixtures

Store in tightly sealed containers in cool, dry and well-ventilated places. Protect from frost.

7.3 Specific end use(s)

n/a

SECTION 8: Exposure limitation/personal protective equipment

8.1 Control parameters

The mixture contains substances for which occupational exposure limits are set.

Czech Republic Government Regulation No. 330/2023 Coll.

Name of substance (constituent)	Type	Value
ethanol (CAS: 64-17-5)	PEL	1000 mg/m ³
	PEL	522 ppm
	NPK-P	3000 mg/m ³
	NPK-P	1566 ppm

Czech Republic Government Regulation No. 330/2023 Coll.

Name of substance (constituent)	Type	Value
diethanolamin (CAS: 111-42-2)	PEL	5 mg/m ³
	NPK-P	10 mg/m ³

Notes

Irritating to mucous membranes (eyes, respiratory tract) and/or skin.

DNEL diethanolamin

Workers/consumers	Path of exposure	Value	Effect
Staff	Inhaled	0,75 mg/m ³	Chronic systemic effects
Staff	Inhaled	0,5 mg/m ³	Chronic local effects
Staff	Dermally	0,13 mg/kg TH/den	Chronic systemic effects

PNEC diethanolamin

Path of exposure	Value		
Drinking water	0,02 mg/l	Freshwater sediments	0,092 mg/kg/24h
Sea water	0,002 mg/l	Marine sediments	0,0092 mg/kg/24h
Water (occasional leakage)	0,095 mg/l		
Microorganisms in wastewater treatment systems	100 mg/l		

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



Path of exposure	Value
Soil (agricultural)	1,63 mg/kg/24h
Secondary poisoning	1,04 mg/kg potravý

8.2 Limiting exposure

Remove contaminated clothing and wash before reuse. Do not eat, drink or smoke while working. After wash your hands thoroughly with soap and water after work and before breaks for eating and resting.

Eye and face protection

Not required.

Safety glasses recommended as a precaution.

Skin protection

Hand protection: Not required.

Rubber or PVC gloves are recommended as a precaution.

Wash thoroughly if skin becomes dirty.

Respiratory protection

Respirator when using a spray, otherwise not necessary.

Thermal hazards

It doesn't apply.

Limiting environmental exposure

Take the usual precautions to protect the environment, see section 6.2.

SECTION 10: Stability and reactivity

10.1 Reactivity

n/a

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

Not known.

10.4. Conditions to be avoided

Under normal conditions of use the product is stable and decomposition does not occur. Protect from flames, sparks, overheating and from freezing.

10.5 Incompatible materials

Sodium, potassium, calcium and calcium carbide.

10.6 Hazardous decomposition products

They are not formed under normal use. At high temperatures and in case of fire, hazardous products such as carbon monoxide and carbon dioxide.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Grouping	Liquid
Colour	Colourless
Odour	Specific
Melting point/freezing point	0 °C
Boiling point or initial boiling point and range of boiling points	100 °C not available
Boiling point and boiling range	not available
Flammability	3,3 %
Lower and upper explosive limits	19 %
Ethanol (CAS: 64-17-5)	not available
Flash point	163 °C
Diethanolamine (CAS: 111-42-2)	11 °C
Ethanol (CAS: 64-17-5)	not relevant
Auto-ignition temperature	363 °C
Ethanol (CAS: 64-17-5)	
Decomposition temperature	figure not available
pH	6-7 (undiluted)
Kinematic viscosity	figure not available
Viscosity	10-3 Passport
Solubility in water	miscible
Solubility in fats	insoluble
Partition coefficient n-octanol/water (logarithmic value)	figure not available data not availablelog
Diethanolamine (CAS: 111-42-2)	Pow = - 2,18 at 25°C
Vapour pressure	2338 Pa at 20 °C
Diethanolamine (CAS: 111-42-2)	10 Pa at 20 °C
Ethanol (CAS: 64-17-5)	5,9 kPa
Density and/or relative density	
Density	figure not available
relative density	1000 kg/m ³
Relative vapour density	figure not available
Particle characteristics	not available

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



SECTION 11: Toxicological information

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

Inhalation of solvent vapours above the occupational exposure limits may result in acute inhalation poisoning, depending on the level of concentration and duration of exposure. For the mixture no toxicological data are available.

Acute toxicity

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

bronopol (INN)

Path of exposure	Parameter	Method	Value	Exposure time	Type	Gender	Determination of value
Oral	LD ₅₀		307 mg/kg		Rat (Rattus norvegicus)	M	
Dermally	LD ₅₀		1600 mg/kg		Rabbit		
Inhalation (dust/mist)	LC ₅₀		0,588 mg/kg	48 Hours	Rat (Rattus norvegicus)		

diethanolamin

Path of exposure	Parameter	Method	Value	Exposure time	Type	Gender	Determination of value
Oral	LD ₅₀		1600 mg/kg		Rat	M	
Dermall	LD ₅₀		12200 mg/kg		Rabbit		
Oral	ATE		1882,6-2000 mg/kg				Calculation of the value
Inhalation (vapour)	ATE		0,2-0,3 mg/l				Calculation of the value
Inhalation (dust/mist)	LC ₀	OECD 403	3,35 mg/l	4 Hours	Rat	M	Calculation of the value

ethanol

Path of exposure	Parameter	Method	Value	Exposure time	Type	Gender	Determination of value
Oral	LD ₅₀		7060 mg/kg		Rat	M	
Dermall	LD ₅₀		>16000 mg/kg		Rabbit		
Inhalation (vapour)	LC ₅₀		>20 mg/kg	4 Hours	Rat		Calculation of the value

Corrosivity/irritation to skin

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

diethanolamin

Path of exposure	Result	Exposure time	Type
Skins	Irritating		

Respiratory sensitisation / skin sensitisation
May cause an allergic skin reaction.

Mutagenicity in germ cells

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

Carcinogenicity

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

Reproductive toxicity

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

Serious eye damage/irritation

Causes serious eye damage.

diethanolamin

Path of exposure	Results	Exposure time	Type
Eye	Strong irritants		Rabbit

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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



SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0

Repeated dose toxicity

Path of exposure	Parameter	Method	Value	Exposure time	Type	Gender
Oral	LOAEL	OECD 408	14 mg/kg TH/den	13 weeks (5 days/week)	Potkan (Rattus norvegicus)	F

Danger if inhaled

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

11.2 Information on other hazards

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.

Further information

n/a

SECTION 12: Environmental information

12.1 Toxicity

Harmful to aquatic organisms, with long-lasting effects.

bronopol (INN)

Parameter	Method	Value	Doba expozice	Type	Gender	Determination of value
EC ₅₀		1,4 mg/l	48 Hours	Daphnia (Daphnia magna)		
LC ₅₀		41,2 mg/l	96 Hours	Fish (Oncorhynchus mykiss)		
IC ₅₀		0,4-2,8 mg/l	72 Hours	Algae		

diethanolamin

Parameter	Method	Value	Exposure time	Type	Gender	Determination of value
LC ₅₀		1460 mg/l	96 Hours	Fish (Pimephales promelas)		Static system
EC ₅₀		55 mg/l	48 Hours	Invertebrates (Daphnia magna)		Static system
EC ₅₀		19 mg/l	96 Hours	Algae(Pseudokirchneriella subcapitata)		Static system
EC ₁₀	OECD 209	>1000 mg/l	30 min	Bacteria	Activated sludge	Static system
EC ₁₀		1,1 mg/l	72 Hours	Algae(Pseudokirchneriella subcapitata)		Static system
EC ₅₀		>1000 mg/kg	48 Hours	Higher plants (Medicago sativa)		
LC ₅₀		>1000 mg/kg	35 Hours	Invertebrates (Eisenia andrei)		
IC ₅₀		776 mg/kg	63 Days	Invertebrates (Eisenia andrei)		

Chronic toxicity

bronopol (INN)

Parameter	Method	Value	Exposure time	Type	Gender	Determination of value
LC ₅₀	OECD 210	39,1 mg/kg	49 Days	Fish (Oncorhynchus mykiss)		
NOEC	OECD 211	0,27 mg/l	21 Days	Daphnia (Daphnia magna)		

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



diethanolamin

Parameter	Method	Value	Exposure time	Type	Gender	Determination of value
NOEC		>1 mg/l		Fish		QSAR
EC ₁₀		1,05 mg/l	21 dní	Aquatic invertebrates (Daphnia magna)		Semi static system

12.2 Persistence and degradability

No data are available for the mixture or the components.

Biodegradability

Resin Finisher Pro

Parameter	Method	Exposure time	Environment	Result
		28 dní		Easily biologically biodegradable

12.3 Bioaccumulation potential

No data available for the mixture.

bronopol (INN)

Parameter	Method	Value	Exposure time	Type	Environment	Temperature [°C]	Source
Log Pow		0,18					

diethanolamin

Parameter	Method	Value	Exposure time	Type	Environment	Temperature [°C]	Source
Log Pow	OECD 107	-2,46				25°C	pH = 6,8 - 7,3

12.4. Mobility in soil

Data are not available for the mixture or the components.

12.5. Results of PBT and vPvB assessment

The product does not contain substances meeting the criteria for PBT or vPvB substances in accordance with Annex XIII, 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 specified.

SECTION 13: Disposal instructions

13.1 Waste management methods

Risk of environmental contamination, follow the Waste Act No. 541/2020 Coll., as amended, and the implementing regulations on waste disposal. Follow the applicable waste disposal regulations. Place the unused product and contaminated packaging in marked waste collection containers and hand it over for disposal to an authorised waste disposal contractor (specialised company). Do not dispose of unused product down the drain. It must not be disposed of with municipal waste. Empty packaging may be used for energy recovery in an incinerator or disposed of in a landfill of the appropriate classification. Completely cleaned packaging may be sent for recycling.

Waste legislation

Act No. 541/2020 Coll., on waste, as amended. Decree No 8/2021 Coll., on the Waste Catalogue and the assessment of waste properties (Waste Catalogue). Decision 2000/532/EC establishing a list of wastes, as amended. Act No 545/2020 Coll. amending Act No 477/2001 Coll. on packaging and amending certain acts (Packaging Act), as amended. Decree No 273/2021 Coll., on details of waste management, as amended.

SECTION 14: Transport information

14.1. UN number or ID number
not subject to transport regulations

14.2 Official (UN) name for transport
not applicable

14.3 Hazard class(es) for transport
not relevant

14.4 Packaging group
not relevant

14.5 Environmental hazard
not relevant

14.6. Special precautions for users
Reference in sections 4 to 8.

14.7 Maritime bulk transport according to IMO instruments
not relevant

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



SECTION 15: Information on regulations

15.1. Safety, health and environmental regulations/specific legislation relating to the substance or mixture
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on Registration, on the evaluation, authorisation and restriction of chemicals, establishing a European Chemicals Agency, on the amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93, Commission Regulation (EC) No 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council, as amended. Act No 350/2011 Coll, on chemicals and chemical mixtures and amending certain acts (Chemical Act). Act no. 258/2000 Coll., on the protection of public health, as amended. Government Decree No. 361/2007 Coll. laying down conditions for occupational health protection, as amended. Decree No 415/2012 Coll., on the permissible level of of pollution and its detection and on the implementation of some other provisions of the Air Protection Act, as amended by as amended. Act No 541/2020 Coll., on waste, as amended. Act No 201/2012 Coll., on air protection, as amended. Decree No 432/2003 Coll., laying down the conditions for classification of work into categories, limit values for biological exposure test indicators, conditions for sampling of biological material for the performance of biological exposure tests and the requirements for reporting work with asbestos and biological agents, as amended. Commission Regulation (EU

15.2 Chemical safety assessment

No chemical safety assessment has been carried out (mixture).

SECTION 16: Further information

List of standard hazard statements used in the safety data sheet

EUH071	Causes respiratory poisoning.
H225	Highly flammable liquids and vapours
H301	Toxic if ingested.
H301+H331	Toxic by ingestion or inhalation.
H302	Harmful if ingested
H310+H330	In contact with skin or inhalation may cause death.
H312	Harmful in contact with skin.
H314	Causes severe skin and eye damage.
H315	It irritates the skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes severe eye irritation.
H335	May cause respiratory irritation.
H373	May cause organ damage with prolonged or repeated exposure.
H400	Highly toxic to aquatic organisms.
H410	Highly toxic to aquatic organisms, with long-lasting effects.
H411	Toxic to aquatic organisms, with long-lasting effects.
H412	Harmful to aquatic organisms, with long-lasting effects.

List of safety instructions used in the safety data sheet

P102	Keep away from kids.
P264	Wash thoroughly after handling hands and affected body parts.
P280	Wear protective gloves/protective clothing/. safety glasses/face shield
P303+P361+P353	IN CASE OF CONTACT WITH SKIN (or hair): All contaminated articles of clothing remove immediately. Rinse skin with water or shower.
P305+P351+P338	IF EYE CONTAMINATION: Gently flush with water for several minutes. Remove contact lenses if they are in place and if they can be removed easily. Continue rinsing.
P501	Remove the contents/packaging by handing it over to an authorised person waste management or return to the supplier.

Other information relevant to human health and safety

The product must not - without the specific consent of the manufacturer/importer - be used for any purpose other than those specified in section 1. The user is responsible for compliance with all relevant health protection regulations.

SAFETY DATA SHEET

under Commission Regulation (EU) 2020/878 as amended

ALPHAPRINT - RESIN FINISHER PRO

Creation date 10.10.2024

Revision date Version number 1.0



Legend to abbreviations and acronyms used in the safety data sheet

Acute Tox.	Acute toxicity
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
Aquatic Acute	Hazardous to the aquatic environment (acute)
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EC₁₀	Concentration of the substance at which 10 % of the population is affected
EC₅₀	Concentration of the substance at which 50% of the population is affected
EINECS	European list of existing traded of chemicals
EmS	Emergency plan
ES	EC number is the numerical identifier of the substance on the EC list
EU	European Union
EuPCS	European product categorisation system
Eye Dam	Serious eye damage
Eye Irrit.	Irritation to the eyes
Flam. Liq.	Flammable liquid
IATA	Flammable liquid
IBC	International Code for Construction and Equipment of ships carrying dangerous chemicals in bulk
IC₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organisation
IMDG	International sea transport dangerous goods
IMO	International Maritime Organisation
INCI	Mezinárodní námořní organizace
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC₀	The lethal concentration of a substance at which one would expect to cause the death of 0% of the population
LC₅₀	A lethal dose of a substance at which one would expect to cause the death of 50% of the population
LOAEL	Lowest dose with an observed adverse effect

log Kow	Octanol-water partition coefficient
NOEC	Concentrations with no observed effects
NPK	Concentrations with no observed effects
OEL	Exposure limits in the workplace
PBT	Persistent, bioaccumulative and toxic
PEL	Permissible exposure limit
ppm	Number of particles per million (millionth)
REACH	Registration, evaluation, authorisation and restriction of chemical substances
RID	Agreement on the carriage of dangerous goods by rail
Skin Corr.	Corrosiveness to the skin
Skin Irrit.	Irritation to the skin
Skin Sens	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
UN	Four-digit identification number of the substance or article taken from the UN Model Regulations
UVCB	A substance of unknown or variable composition, a complex reaction product or biological material
VOC	Volatile organic compounds
vPvB	Highly persistent and highly bioaccumulative

Instructions for training

Familiarize workers with recommended use, mandatory protective equipment, first aid and prohibited product handling.

Recommended restrictions of use

n/a

Information on the sources of data used in the compilation of the safety data sheet

Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), as amended. Regulation of the European Parliament and of the Council, as amended. Act No 350/2011 Coll., on chemicals and chemical mixtures, as amended. Data from the substance/mixture manufacturer, if available - data from registration dossier.

Statement

The safety data sheet contains information to ensure occupational health and safety and environmental protection environment. The information given corresponds to the current state of knowledge and experience and is in accordance with the applicable legal regulations. They cannot be taken as a guarantee of the suitability and applicability of the product for a particular application.