

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

Prepared in accordance with EC Regulation 1907/2006 (REACH) as amended. died

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product ID

Trade name: UFI:

BGP28 PURFINISH 2K UHS DTM
KJTT-H5JN-5R1A-5SW3

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

polyurethane primer.

1.3 Details of the supplier of the safety data sheet

BRENEN POLSKA Tel: +48 43 822 17 01

Street Kaliska 45 Fax: +48 43 659 10 55 PL 98-290 Warta www.visto.com.pl

brenen@brenen.pl

1.4. Emergency telephone number

Manufacturer's emergency telephone number: +48 43 822 17 01 (from 8.00 a.m. to 4.00 p.m.)

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

The mixture has been classified as hazardous in accordance with applicable regulations - see section 15.

Classification according to Regulation 1272/2008/EC as amended. changed:

Flam. Liq. 3 – Flammable liquid substances, hazard category 3, with an assigned qualifying phrase
type of hazard:

H226 Flammable liquid and vapor

Asp. Tox. 1 - Aspiration hazard, hazard category 1 with assigned hazard phrase:

H304 May be fatal if swallowed and enters airways

Skin Irrit. 2- Skin irritation hazard category 2 with assigned hazard statement:

H315 Causes skin irritation

Skin Sens. 1- Skin sensitization, hazard category 1 with associated hazard statement:

H317 May cause an allergic skin reaction

Eye Irrit. 2- Eye irritation, hazard category 2 with associated hazard statement:

H319 Causes eye irritation.

STOT SE 3 – Toxic effect on target organs – single exposure, hazard category 3,
irritating effect on the respiratory tract with the assigned hazard phrase:

H335 May cause respiratory irritation

Carc. 2 - Carcinogenicity hazard category 2 with assigned hazard statement:

H351 Suspected of causing cancer

STOT RE 2 - Specific target organ toxicity - repeated exposure hazard category 2 with assigned hazard statement:

H373 May cause damage to organs through prolonged or repeated exposure

Aquatic Chronic 2 - Hazard to the aquatic environment - chronic toxicity, hazard category 2 with an assigned hazard phrase:

H411 Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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Additional threats

EUH211 Attention! If sprayed, hazardous respirable droplets may be formed. Do not breathe spray or mist.

Health hazard: May be fatal if swallowed and enters respiratory system, irritates skin and eyes, may cause allergic skin reaction, respiratory irritation, suspected of causing cancer, may cause damage to organs through prolonged or repeated exposure

Environmental hazard: toxic to aquatic organisms, causing long-term effects.

Physical/chemical hazards: flammable liquid and vapor.

Fire hazard: flammable liquid and vapor. Product vapors form flammable/explosive mixtures with air

2.2. Signage elements

Pictograms



Signal word:

DANGER

Names of hazardous ingredients:

Contains: acrylic polymer; hydrocarbons, C9, aromatic; reaction mass of ethylbenzene and xylene.

Hazard statements:

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters the respiratory tract
H315	It is irritating to the skin
H317	May cause an allergic skin reaction
H319	Irritating to eyes
H335	May cause respiratory irritation. Suspected of causing
H351	cancer
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life, causing long-term effects.

Precautionary statements:

Prevention:

P210	Keep away from heat sources, hot surfaces, open flames and other sources of ignition. Do not smoke
sparkling,	
P260	Do not breathe mist/vapours/spray
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection

Response:

P301+ P310	IF SWALLOWED: immediately call a POISON CENTER/doctor. IF ON SKIN: wash with plenty of soap and water.
P302+P352	
P304+ P340	IF INHALED: remove the injured person to fresh air and keep him or her comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and can be easily removed.
	Continue rinsing
P331	DO NOT induce vomiting
P405	Store locked up

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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Removal:

P501 Dispose of the contents/container to appropriately authorized companies in accordance with national/international regulations

2.3. Other hazards

The product does not contain components meeting the PBT or vPvB criteria in accordance with Annex XIII of the REACH Regulation. The product does not contain ingredients included in the list established in accordance with Art. 59 section 1 as having endocrine-disrupting properties or ingredients with endocrine-disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0,1 %.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredients of the preparation:

Name of the substance	CAS No./ EC No (ECHA)	Index number	Registration number REACH	Content [%]	Classification	Returns
					Hazard categories	
acrylic polymer	-	-	-	23-25	Eye Irrit. 2 Skin Sens. 1B	H319 H317
hydrocarbons, C9, aromatics	128601-23-0/ 918-668-5	-	01- 2119455851- 35-XXXX	15-17	Flam. Liq. 3 Asp. Tox. 1 STOT SE 3 STOT SE 3 Aquatic Chronic 2	H226 H304 H335 H336 H411 EUH066
reaction mass of ethylbenzene and xylene [a] [b]	-/ 905-588-0	601-022-00-9	01- 2119488216- 32-XXXX 01- 2119539452- 40-XXXX	10-11	Flam. Liq. 3 Asp. Tox. 1 Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2 Acute Tox. 4 STOT SE 3 STOT RE 2	H226 H304 H312 H315 H319 H332 H335 H373
trizinc bis[orthophosphate(V)]	7779-90-0/ 231-944-3	030-011-00-6	01- 2119485044- 40-0000	5-10	Aquatic Acute 1 (M=1) Aquatic Chronic 1 (M=1)	H400 H410
zinc oxide[a]	1314-13-2/ 215-222-5	030-013-00-7	01- 2119463881- 32-XXXX	<3	Aquatic Acute 1 (M=1) Aquatic Chronic 1 (M=1)	H400 H410

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024 Prepared in accordance with EC Regulation 1907/2006
(REACH) as amended. died

2-butoxyethyl acetate[a] [b]	112-07-2/ 203-933-3	607-038-00-2	01- 2119475112- 47-XXXX	2	Acute Tox. 4	H302 H312 H332
2-methoxy-1-methylethyl acetate[a] [b]	108-65-6/ 203-603-9	607-195-00-7	01- 2119475791- 29-XXXX	< 2	Flam. Liq. 3	H226
ethylbenzene[a] [b]	100-41-4/ 202-849-4	601-023-00-4	01- 2119489370- 35-XXXX	1-2	Flam. Liq. 2 Asp. Tox. 1 Acute Tox. 4 STOT RE 2 Aquatic Chronic 3	H225 H304 H332 H373 H412
ethanol[a]	64-17-5/ 200-578-6	603-002-00-5	01- 2119457610- 43-XXXX	1-2	Flam. Liq. 2 Eye Irrit. 2 specific concentration limits: C ≥ 50%	H225 H319
Zinc 5-nitroisophthalate	60580-61-2/ 262-309-9	-	01- 2120768444- 47-0000	0,1-1	Aquatic Acute 1 (M=1) Aquatic Chronic 2	H400 H411
2-methoxy-1-methylethyl acetate[a] [b]	108-65-6/ 203-603-9	607-195-00-7	01- 2119475791- 29-0056	< 0.1	Flam. Liq. 3 STOT SE 3	H226 H336

[a] Substance with a nationally defined maximum occupational exposure limit value.

[b] A substance with a maximum occupational concentration limit set at EU level.

The full meaning of the hazard statements is provided in section 16

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General tips:

In case of contact with a product that causes discomfort, immediately call a professional healthcare service. Show the doctor the labeling on the product safety data sheet. Inform the doctor about the first aid provided to the injured person.

Do not give anything by mouth to an unconscious person. Under no circumstances induce vomiting. If the victim is vomiting, turn him or her in the recovery position to prevent choking on the vomit.

IN CASE OF CONTACT WITH SKIN

Remove contaminated clothing, wash contaminated skin with soap and water, rinse thoroughly with water - do not use solvents and thinners, contact a doctor.

IN CASE OF EYE CONTACT

Rinse eyes with plenty of water for several minutes (approx. 15), keeping eyelids wide open. Avoid strong stream due to the risk of corneal damage, contact a doctor immediately.

INHALATION EXPOSURE

In case of dizziness or nausea, remove the injured person to fresh air, and if there is no immediate improvement, seek medical advice.

IF SWALLOWED

Do not induce vomiting, contact a doctor immediately. Do not give anything by mouth to an unconscious person

4.2. Most important acute and delayed symptoms and effects of exposure

Respiratory system. Inhalation of large direct concentrations of the preparation vapors causes irritation of the mucous membranes of the nose, throat and further sections of the respiratory system. It has a depressing effect on the central nervous system and adversely affects internal organs - liver, kidneys. Symptoms include headaches, dizziness, drowsiness, weakness, and in extreme cases, loss of consciousness.

Digestive tract. Consumption of the preparation may cause chemical irritation of the mouth, throat and further sections of the digestive tract. After absorption, symptoms of food poisoning, abdominal pain, dizziness, nausea and vomiting may occur.

Contact with eyes. Upon direct exposure, it may cause eye irritation, profuse tearing, redness and pain.

Skin contact. Frequent direct contact with the preparation may cause skin drying or cracking, irritation and allergic reactions.

4.3. Indications regarding any immediate medical assistance and special treatment of the injured person. Special measures should be available at the workplace to enable specialized and immediate assistance.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing

media Powder, alcohol-resistant foam, carbon dioxide, water fog.

5.2. Special hazards arising from the substance or mixture.

In the event of fire, carbon monoxide and other toxic gases may be produced.

5.3. Information for the fire brigade

It is essential to use a self-contained breathing apparatus and appropriate protective clothing during firefighting or cleaning work immediately after a fire in closed or poorly ventilated rooms.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Individual precautions, protective equipment and emergency procedures

Ensure adequate ventilation, use protective gloves made of butyl rubber, nitrile rubber or neoprene, use rubber safety shoes and protective clothing, use safety glasses or a face mask. Do not inhale product vapors.

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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6.2. Environmental precautions Prevent spread and entry into sewage systems and water bodies, inform local authorities if protection cannot be ensured.

6.3. Methods and materials to prevent the spread of contamination and to remove contamination Remove by collecting on absorbent material (sand, sawdust, diatomaceous earth, universal absorbent), place contaminated material in appropriately marked containers for disposal in accordance with applicable regulations.

6.4. References to other sections

Personal protective equipment - see section 8 Safety data sheets

Waste treatment - see section 13 Safety data sheets

SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling Use only in well-ventilated rooms

- floor ventilation required, do not store in tightly closed rooms. Avoid contact with eyes. Avoid prolonged or repeated skin contact. Avoid spilling. Avoid inhaling product vapors. Do not allow the NDS values for the product components in the air of the working environment to be exceeded. Avoid sources of ignition, elevated temperatures, hot surfaces and open flames. Take measures to prevent electrostatic discharges - appropriate zeroing and grounding, e.g. when pouring the contents of containers. It is recommended to wear antistatic clothing and footwear when working with the product, and the floor of the rooms where the product is stored or used should be made of electrically conductive materials.

Make sure that the electric lighting and electrical installation are operational and do not constitute a potential source of ignition. Do not use cutting tools that cause sparks. Avoid inhaling product fumes/aerosols. Do not empty the container using the pressure method - the container is not a pressure vessel. Do not crush or cut the container containing the remains of the preparation. Do not eat, drink or smoke while working with the preparation. For all specific hazard control recommendations, conduct an occupational risk assessment at the workplace to determine countermeasures appropriate to specific work conditions.

7.2. Conditions for safe storage, including information on any mutual incompatibilities Store in a cool, dry, well-ventilated room in a properly labeled, tightly closed original container. Avoid direct exposure to sunlight and heat sources, hot surfaces and open flames. Do not store materials soaked with the preparation (fire hazard). If repackaging is necessary, make sure that the new packaging is appropriate for the type of product. After opening, close containers tightly and place them in an upright position to prevent product leakage. Do not store near oxidants and metal hydrides.

7.3. Specific end use(s) Polyurethane varnish

intended for professional use in automotive painting, taking into account the information provided in subsections 7.1 and 7.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters 2016/425/

EU Regulation of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 on the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286, as amended).

The preparation contains the following ingredients for which exposure standards apply.

Name/type of compound	NDS	NDSch	NDSP
	mg/m3		
xylene[c]	100	200	-
ethylbenzene[c]	200	400	-

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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2-methoxy-1-methylethyl acetate[c]	260	520	-
manganese [CAS 7439-96-5] and its compounds inorganic – expressed as Mn - inhalable fraction - respirable fraction	0.2 0.05	-	-
2-methoxy-1-methylethyl acetate [c]	260	520	-
2-butoxyethyl acetate [c]	100	300	-
ethanol	1900	-	-

[c] Absorption of substances through the skin may be as important as inhalation

Recommended DSB values

Substance absorbed	The substance being determined	Biological material	DSB values
xylene	methylhippuric acid	urine	1.4 g/l based on the average urine density of 1.024 g/cm ³
ethylbenzene	almond acid	urine	20 mg/h

8.2 Exposure controls

Collective protection measures:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other controls to keep worker exposure to contaminants below any recommended or mandatory limits. Engineering safeguards are also needed to keep gas, vapor or dust concentrations below lower explosion limits. Use explosion-proof ventilation equipment.

Personal protection:

a) respiratory protection - Use a face mask. Avoid inhaling dust. In case of danger – occurrence of concentrated vapors of the preparation during its use or when the NDS of the ingredients is exceeded - wear respiratory protection with an A1 filter and vapor absorber.

b) hand protection - when using the preparation in professional activities, assuming frequent or long-term exposure, hand protection should be used appropriately to the working conditions. For this purpose, use protective gloves resistant to chemicals. Do not use gloves made of natural latex. Since the product is a mixture of several substances, the resistance of the glove materials cannot be calculated in advance and must therefore be checked before use.

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

Prepared in accordance with EC Regulation 1907/2006 (REACH) as amended. died

Recommended

material: - nitrile, thickness > 0.45 mm, permeation time (according to PN-EN 374): > 30

minutes, - fluorinated polymer and PVA, any thickness, permeation time (according to PN-EN 374): > 480 minutes

The condition of the gloves should be checked periodically and replaced if they are worn, perforated or contaminated with the product.

The exact time of destruction of gloves must be determined by the manufacturer.

c) eye protection - it is recommended to use safety glasses (EN 166).

d) skin protection - use protective clothing made of coated materials, antistatic, and protective footwear. Protective suits should be changed at the end of the work shift and cleaned to prevent transfer of the product to the clothes and underwear of the person working with the product.

Thermal hazards: not applicable.

In an emergency situation, use personal protective equipment with the highest recommended protection class: gas-tight clothing coated with non-rubber materials (neoprene), with insulating respiratory protection equipment (cylinder or hose breathing apparatus).

Organizational actions to control environmental exposure

Do not allow it to spread in the environment or enter sewage systems and watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information about basic physical and chemical properties

GENERAL INFORMATION	
State of matter	Liquid
Color	By assortment
Smell	Solvent-based
Melting/freezing point	Not marked
Boiling point or initial boiling point and boiling range	Not marked
Flammability of materials	Flammable
Lower and upper explosion limits	Not marked
Flash-point	36°C
temperature of self-ignition	Not marked
Decomposition temperature	Not marked
pH	Not marked
Kinematic viscosity	Not marked
Solubility	Not marked
Partition coefficient n-octanol/water (log coefficient value)	Not marked
Vapor pressure	Not marked

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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Density or relative density	Not marked
Relative vapor density	Not marked
Characterization of molecules	Not applicable

9.2. Other informations

No data

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product is not reactive under normal conditions. Product vapors may form explosive mixtures with air.

10.2. Chemical stability

The product is stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions. Hazardous

vapors containing carbon oxides are produced at high temperatures.

10.4. Conditions to avoid

Avoid elevated temperatures, hot surfaces and open flames.

10.5. Incompatible

material Avoid contact with large amounts of organic peroxides, strong acids and bases and strong oxidants.

10.6. Hazardous decomposition

products At high temperatures, dangerous vapors containing carbon oxides are produced.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

ATEmix (oral)	> 2,000 mg/kg
ATEmix (leather)	> 2,000 mg/kg
ATEmix (steam inhalation)	> 20 mg/l

The ATEmix value was calculated based on the appropriate conversion factor from table 3.1.2. from the CLP Regulation.

TOXIC EFFECTS ON HUMAN HEALTH

No detailed tests have been carried out on the preparation. Due to the content of ingredients, the preparation is dangerous to human health. May cause respiratory irritation. May be fatal if swallowed and enters the respiratory tract, is irritating to skin and eyes, may cause allergic skin reactions, respiratory irritation, is suspected of causing cancer, may cause damage to organs through prolonged or repeated exposure.

ROUTES OF EXPOSURE AND SYMPTOMS OF EXPOSURE IMMEDIATE AND DELAYED

Respiratory system. Inhalation of large direct concentrations of the preparation vapors causes irritation of the mucous membranes of the nose, throat and respiratory system. It has a further depressing effect on the central body and has an adverse effect on internal organs - the liver and kidneys. Symptoms include headaches, dizziness, drowsiness, weakness, and in extreme cases, loss of consciousness.

Digestive tract. Consumption of the preparation may cause chemical irritation of the mouth, throat and further sections of the digestive tract. After absorption, symptoms of food poisoning, abdominal pain, dizziness, nausea and vomiting may occur.

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

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Contact with eyes. Upon direct exposure, it may cause eye irritation, profuse tearing, redness, pain and irritation.

Skin contact. Frequent direct contact with the preparation may cause skin drying or cracking and irritation.

ACUTE TOXICITY – preparation ingredients:

2-methoxy-1-methylethyl acetate		
LD50 oral for rat	5000 mg/kg	
LD50 dermal for rabbit	5000 mg/kg	
LC50 (rat inhalation)	10.8	mg/m ³ /4h

reaction mass of ethylbenzene and xylene		
LD50 oral for rat	4300	mg/kg
LC50 inhalation for rat 22.1		mg/m ³ /4h
Odor detection threshold 0.9 – 9		mg/m ³

11.2. Information about other threats

Properties that disrupt the functioning of the endocrine system

The product does not contain ingredients included in the list established in accordance with Art. 59 section 1 as having endocrine-disrupting properties or ingredients with endocrine-disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0,1 %.

SECTION 12: ECOLOGICAL INFORMATION

There is no experimental data on this preparation. The assessment was made on the basis of data on hazardous ingredients contained in the preparation.

12.1. Toxicity

2-methoxy-1-methylethyl acetate			
Acute toxicity to fish:	(Oncorhynchus mykiss)	LC50 (96h)	134 mg/dm ³
Acute toxicity for aquatic invertebrates	(Daphnia magna)	EC50 (48h)	408 mg/dm ³
Acute toxicity to algae	(Pseudokirchneriella subcapitata)	ErC50 (96h)	>1000 mg/dm ³
reaction mass of ethylbenzene and xylene			
Acute toxicity to fish	(Pimephales promelas)	LC50 (96h)	16.1 mg/dm ³
	(Oncorhynchus mykiss)	LC50 (96h)	2.6 mg/dm ³
Acute toxicity to aquatic invertebrates	(Daphnia magna)	EC50 (48h)	3.82 mg/dm ³
Acute toxicity to algae	(Pseudokirchneriella subcapitata)	EC50 (72h)	2.2 mg/dm ³

12.2. Persistence and degradability No data available

12.3. Bioaccumulative potential No data available

12.4. Mobility in soil
Product with very low solubility in water

12.5. Results of PBT and vPvB assessment The product does not contain components meeting the PBT or vPvB criteria in accordance with Annex XIII of the REACH Regulation

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

Prepared in accordance with EC Regulation 1907/2006 (REACH) as amended. died

12.6. Properties that disrupt the functioning of the endocrine system

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12.7. Other harmful effects

Harmful to aquatic organisms: may cause long-term effects in the aquatic environment

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste disposal methods Disposal of

waste and disposable packaging should be handled by specialized companies, and the method of waste disposal should be agreed with the relevant environmental protection department.

Store the residue in original containers.

Dispose of in accordance with applicable regulations.

Empty, emptied packaging should be disposed of in accordance with applicable regulations or delivered to an appropriate landfill.

EU legal acts: Directives of the European Parliament and of the Council: 2008/98/EC as amended. died and 94/62/EC as amended. died

National legal acts: Act on waste (i.e. Journal of Laws of 2022, item 699, as amended), Act on packaging and packaging waste management (i.e. Journal of Laws of 2023, item 160, as amended.).

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number UN 1263

14.2. UN proper shipping name PAINT

14.3. Transport hazard class 3

14.4. Packing group III

14.5. Environmental hazard Yes

14.6. Special precautions for user

Do not carry together with substances of Class 1 (except substances of Class 1.4S) and certain substances of Classes 4.1 and 5.2. Avoid direct contact with Class 5.1 materials during transport. and 5.2.. Do not use open flames or smoke.

14.7. Maritime transport in bulk in accordance with IMO instruments not applicable

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations specific to the substance or mixture.

- Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws No. 2022, item 1816, as amended).
- Regulation of the European Parliament and of the Council No. 1907/2006 of 18/12/2006. on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a 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
- Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

Date of preparation: 03/08/2023 Date of update: 03/06/2024

Prepared in accordance with EC Regulation 1907/2006 (REACH) as amended. died

- 2020/878/EU Commission Regulation of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

- Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 on the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286, as amended).
- Regulation of the Minister of Health of February 2, 2011. on testing and measurement of factors harmful to health in the work environment (Journal of Laws of 2023, item 419)
- 2008/98/EC Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain directives, as amended. died
- 94/62/EC Directive of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste, as amended. died
- 2016/425/EU Regulation of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.
- Waste Act of December 14, 2012 (Journal of Laws 2022, item 699, as amended).
- Act of June 13, 2013 on packaging and packaging waste management (Journal of Laws of 2023, item 160, as amended).

-2000/39/EC Commission Directive of 8 June 2000 establishing a first list of indicative limit values for exposure to external agents at work in the implementation of Council Directive 98/24/EEC on the protection of the health and safety of workers from the risks related to agents chemicals in the workplace.

-2006/15/EC Commission Directive of 7 February 2006 establishing a second list of indicative occupational exposure limit values for the implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

-2009/161/EU Commission Directive of 17 December 2009 establishing a third list of indicative values for occupational exposure for the implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

-2017/164/EU Commission Directive of 31 January 2017 establishing the fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/ 161/EU.

-2019/1831/EU Commission Directive of 24 October 2019 establishing the fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

- ADR Agreement for the international carriage of dangerous goods by road.

- Commission Regulation (EC) No. 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards Annex XVII

- Commission Regulation (EC) No 109/2012 of 9 February 2012 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards Annex XVII (CMR substances)

15.2. Chemical safety assessment A safety assessment for the mixture is not required.

SECTION 16: OTHER INFORMATION

Full meaning of the hazard statements listed in section 3:

- Flam. Liq. 2 Flammable liquid substances, hazard category 2
- Flam. Liq. 3 Flammable liquid substances, hazard category 3
- Acute Tox. 4 (inh) Acute toxicity (inhalation) hazard category 4
- Acute Tox. 4 (derm) Acute toxicity (skin contact) hazard category 4
- Acute Tox. 4 (oral) Acute toxicity (skin contact) hazard category 4
- Carc. 2 Carcinogenicity hazard category 2
- Skin Irrit. 2 Skin corrosion/irritation, hazard category 2
- Eye Irrit. 2 Serious eye damage/eye irritation, hazard category 2
- STOT SE 3 Toxic effect on target organs - single exposure, hazard category 3
- STOT RE 2 Specific target organ toxicity - repeated exposure, hazard category 2
- Asp Tox. 1 Aspiration hazard, hazard category 1
- Skin Sens. 1B - Skin sensitization hazard category 1B
- Aquatic Acute 1 - Posing an acute hazard to the aquatic environment, hazard category 1
- Aquatic Chronic 1, 2, 3 - Posing a chronic hazard to the aquatic environment, hazard category 1, 2, 3

SAFETY DATA SHEET

BGP28 PURFINISH 2K UHS DTM

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(REACH) as amended. died

H225 Highly flammable liquid and vapor
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H302 Harmful if swallowed
H312 Harmful in contact with skin
H317 May cause an allergic skin reaction
H315 Causes skin irritation
H319 Causes eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H351 Suspected of causing cancer
H373 May cause damage to organs through prolonged or repeated exposure
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H411 Toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects
EUH066 Repeated exposure may cause skin to become dry or cracked

Explanation of abbreviations and acronyms used in the safety data sheet:

CAS – Chemical Abstracts Service

EC – number assigned to a chemical substance in the European Inventory of Existing Substances of Commercial Importance or in the European List of Notified Chemical Substances, or in the list of chemical substances listed in the publication "No-longer polymers".

NDS – the highest permissible concentration of a substance harmful to health in the work

environment NDSch – the highest temporary permissible concentration of a substance harmful to health in the work environment DSB – permissible concentration in

biological material PBT – durability, bioaccumulation and

toxicity vPvB – very high durability and very high ability for

bioaccumulation UN number – identification number of the material (UN number, UN number)

ADR – European agreement concerning the international carriage of dangerous goods by road,

SAFETY DATA SHEET – BGP28 PURFINISH 2K UHS DTM

All sections of the Safety Data Sheet have been reviewed in accordance with currently applicable regulations.

Information based on our current state of knowledge. This document does not constitute a guarantee of the product characteristics. The classification was made in accordance with the principles of Regulation No. 1272/2008/EC, as amended. died

The information contained in the safety data sheet applies only to the preparation mentioned in the title. The data contained in the data sheet should be treated solely as an aid for the safe use of the product. Since storage, transport and use conditions are beyond our control, they cannot constitute a legal guarantee. In all cases, statutory provisions and any rights of third parties must be observed. The card does not constitute an assessment of risks in the workplace. The product should not be used for purposes other than those specified in point 1 without prior consultation with **BRENEN POLSKA**.