

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT "POLYROLE MATTE"

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 1(11)

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

1.1 Product identifier:

MIXTURE IDENTIFICATION:	Professional matte polish for cleaning and protecting plastic in the car
TRADE NAME:	Matte plastic and vinyl polish with guava scent "POLYROLE MATTE"
TRADE MARK:	Polychrom 2020
MIXTURE PACKAGING:	0.5 L; 1.0 L (bottle); 10 L; 20 L (jerry cans); 1000 L (IBC (Intermediate Bulk Container))
MIXTURE CONTAINS:	5-15%: a mixture of silicone emulsions; Other ingredients: food coloring, flavoring, preservative.
UFI Code:	GXWU-HJ2N-A00V-EFMJ
REACH REGISTRATION No.:	Not applicable. Mixture
MOLECULAR FORMULA:	Not applicable. Mixture
MOLECULAR WEIGHT:	Not applicable. Mixture
CAS No.:	Not applicable. Mixture
EC No.:	Not applicable. Mixture
INDEX No.:	Not applicable. Mixture
REACH REGISTRATION No.:	Not applicable. Mixture

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

RECOMMENDED USE: Professional matte polish for cleaning and protecting plastic in the car interior, ready-to-use.

USES ADVISED AGAINST: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

MANUFACTURER:	Limited liability company "Joint German-Ukrainian Enterprise "DrakenBerg", Code: 42281913
ADDRESS OF THE MANUFACTURER:	Ukraine, 29016, Khmelnytskyi region, Khmelnytskyi, Yurii Kozlovsky Street, 7/1. web: drakenberg.com.ua
TELEPHONE NUMBER OF THE MANUFACTURER:	+380671111421
E-MAIL OF THE MANUFACTURER:	export.drakenberg@gmail.com
COMPETENT PERSON RESPONSIBLE FOR THE MATERIAL SAFETY DATA SHEET:	+380971445330 technologist Kravets Ihor Petrovych
RESPONSIBLE PERSON IN EU	2K Haushaltschemie GmbH, Lindenstr. 48-52, 40233 Düsseldorf, mailto:d.kushal85@gmail.com , Phone: 491787178800

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT "POLYROLE MATTE"

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 2(11)

1.4 Emergency telephone number

Country	Official advisory body	Address	Emergency number
AUSTRIA	Austrian National Public Health Institute (GÖG) Vergiftungsinformationszentrale (VIZ)	Stubenring 6, 1010 Vienna, Austria T: +43 1 515 61-161 M: +43 676 848 191-661	Notruf 0–24 Uhr: 01 406 43 43 Euro-Notruf: 112 Rettung: 144 Ärztefunkdienst: 141
BELGIUM	BELGIAN POISON CENTER (BELGISCH ANTIGIFCENTRUM)	Poison Control Center c/o Military Hospital Queen Astrid Bruynstraat 1, 1120 Brussels	070 245 245 (free, 24/7) If unreachable, tel. 02 264 96 30 (normal rate) 8002 5500 , from Grand Duchy of Luxembourg every day, free 24 /7
BULGARIA	National Toxicology Center, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov"	Ministry of Health, 5, „Sveta Nedelya" sq., Sofia 1000	Emergency number/ fax: +359 2 9154 233 The service is available 24/7 and the communication language is Bulgarian +359 2 9154 409,
CROATIA	Poison Control Centre Institute of Medical Research & Occupational Health	Ksaverska Cesta 2 P.O. Box 291 HR-10000 Zagreb	+385 1 234 8342 Information available 24/7 in Croatian and English.
CZECH REPUBLIC	Poisons Information Centre Clinic For Occupational Medicine, 1st Medical Faculty, Charles University	Na Bojisti 1 128 00 Prague 2	224 91 92 93 224 91 54 02 +42 2 2491 9293 +42 2 2491 5402
DENMARK	Poisons Information Centre Bispebjerg Hospital	Bispebjerg Bakke 23, 60, 1 DK-2400 Copenhagen NV	+45 82 12 12 12 +45 35 31 55 55 Danish Poison Center (Giftlinjen): +45 8212 1212
ESTONIA	Estonian Emergency Response Centre	Osmussaare 2, 13811 Tallinn General info: 6287 400	National emergency telephone number (Häirekeskuse number) is 112 Mürgistusteabekeskuse infoliin 16662 (välisriigist helistades (+372)7943794)
FINLAND	Poisons Information Centre	P.O.B 790 (Tukholmankatu 17) HUS SF - 00029 Helsinki	Medical Helpline 116117 Open 24 hours a day 0800 147 111 (the call is free of charge) 09 471 977 +358 9 471 977
FRANCE	Poison Control Center (Centre Antipoison ORFILA)	Hôpital Fernand Widal 200 rue du faubourg St-Denis 75475 Paris Cedex 10	numéro ORFILA (INRS): + 33 (0)1 45 42 59 59 (for free 24/7) +33 (0)1 45 42 59 59
GERMANY	"2K" Haushaltschemie GmbH	Lindenstr. 48-52, 40233 Düsseldorf, Germany	+491787178800
GREESE	Poison Information Centre Children's Hospital P&A Kyriakou	Athens 11762 Greece	Emergency number: (0030) 2107793777 24 hours/day Fax: 00302107486114 +30 10 779 3777
HUNGARY	Health Toxicology Information Service	1097 Budapest, Albert Flórián út 2-6.	+36 80 201 199 (0-24 hours, free of charge - only from Hungary) +36 1 476 6464 (0-24 hours, can be called for a standard fee - also from abroad)
ICELAND	Poison control center	Fossvogi 108 Reykjavik	+354 543 2222 +354 543 1000 112
IRELAND (REPUBLIC OF IRELAND)	The National Poisons Information Centre (NPIC)	Beaumont Hospital Beaumont Road 9 Dublin	01 809 2566
ITALY	Centro Antiveneni (Poisons Centre) Dipartimento di Tossicologia Clinica, Universita Cattolica del Sacro Cuore	Largo Agostino Gemelli 8 I-00168 Roma	+39 06 305 4343
LATVIA	Toxicology and Sepsis Clinic, information on poisoning and medicinal products; State fire and rescue service:	2 Hipokrāta Street, Riga, LV-1038	+371 67042473 (+371) 112; (+371) 113
LITHUANIA	Poisons Control and Information Bureau	Siltnamiu 29 2043 Vilnius	+370 2 36 20 52 +370 2 36 20 92

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT "POLYROLE MATTE"

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 3(11)

THE NETHERLANDS	UMC Utrecht Heidelberglaan 100 3584 CX Utrecht	Heidelberglaan 100 3584 CX UTRECHT Reception 1 (level 0), UMC Utrecht site	NVIC: +31 (0)88 755 8000: Only for the purpose of informing medical personnel in case of acute intoxications' or in Dutch: 'Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen
NORWAY	Poisons Information Directorate of Health and Social Affairs	P.O. Box 7000 St. Olavs Plass 130 Oslo	+47 22 591300
POLAND	Warsaw Poison Control and Information Centre	Al.Solidarnosci 67 P-03 401 Warszawa	+48 22 619 66 54 +48 22 619 08 97
PORTUGAL	Centro de Informação Antivenenos – Dra Arlinda Borges Instituto Nacional de Emergência Médica (INEM)	Rua Almirante Barroso, 36 1000-013 Lisboa	Portugal CIAV phone number: +351 800 250 250 808 250 143 (for use only in Portugal), +351 21 330 3284
ROMANIA	TOXAPEL Emergency Clinical Hospital for Children "Grigore Alexandrescu"	Boulevardul Iancu de Hunedoara 30- 32 Bucharest	Phone number: +40213183606 +40 2121 06282 +40 2121 06183
SLOVAKIA	National Toxicological Information Centre University Hospital Bratislava	Limbová 5 833 05 Bratislava	+421 2 54 77 4 166
SLOVENIA	Poison Centre Division of Internal Medicine	University Clinical Centre Zaloska 7 1525 Ljubljana	Phone number: 112 + 386 41 650 500
SPAIN	Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid	Calle Luis Cabrera 9 E-28002 Madrid	National Emergency Telephone Number of Spanish Poison Centre: + 34 91 562 04 20 The information will be provided in Spanish (available 24h/365 days): health personnel & general public (poisoning cases)
SWEDEN	Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital	Box 60 500 SE-171 76 Stockholm	"112 – ask for Poisons Information" (in Swedish this will be: "112 – begär Giftinformation" +46 8 33 12 31 (International)
UKRAINE	Institute of Hygiene and Toxicology, Науковий центр превентивної токсикології, харчової та хімічної безпеки імені академіка Л.І. Медведя Міністерства охорони здоров'я України.	вулиця Героїв Оборони, 6, Київ, Україна, 03680	+38 (044) 526-97-00
UKRAINE	Limited liability company "Joint German-Ukrainian Enterprise "DrakenBerg"	Ukraine, 29016, Khmelnytskyi region, Khmelnytskyi, Yurii Kozlovsky Street, 7/1.	+380971445330 technologist Kravets Ihor Petrovych

Section 2: Hazards identification

2.1 Classification of the substance or mixture


CLP Regulation (EC) No 1272/2008: Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Irrit. 2, H319

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

The product is classified and labelled according to the CLP regulation

Hazard pictograms:	 GHS07
Signal word:	EN WARNING BG ВНИМАНИЕ CS VAROVÁNÍ FI VAROITUS

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

**POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT
"POLYROLE MATTE"**

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 4(11)

	PL UWAGA RO ATENȚIE SK POZOR SV VARNING
Hazard statements	H319 EN Causes serious eye irritation. BG Предизвиква сериозно дразнене на очите. CS Způsobuje vážné podráždění očí. FI Ärsyttää voimakkaasti silmiä. PL Działa drażniąco na oczy. RO Provoacă o iritare gravă a ochilor. SK Spôsobuje vážne podráždenie očí. SV Orsakar allvarlig ögonirritation.
Dimension of the pictogram (in millimetres)	<u>Capacity of the package:</u> ≤ 3 litres: not smaller than 10x10. If possible, at least 16x16. <u>Capacity of the package:</u> > 3 litres but ≤ 50 litres: at least 23x23.
Dimension of the label (in millimetres)	<u>Capacity of the package:</u> ≤ 3 litres: if possible, at least 52x74. <u>Capacity of the package:</u> > 3 litres but ≤ 50 litres: at least 74x105.
Precautionary Statement	P264 EN Wash your hands thoroughly with soap and water after handling the product. BG Да се измие ръцете старателно с топла вода и сапун след употреба. CS Po manipulaci důkladně omyjte ruce teplou vodou a mýdlem. FI Pese kädet huolellisesti käsittelyn jälkeen vedellä ja saippualla. PL Dokładnie umyć ręce po użyciu z mydłem i wodą. RO Spălați-vă mâinile bine după utilizare cu apă și săpun. SK Po manipulácii starostlivo umyte ruky s mydlom a vodou. SV Tvätta händer grundligt noggrant med tvål och vatten av produkten efter användning . P280 EN Wear protective gloves. BG Използвайте предпазни ръкавици. CS Používejte ochranné rukavice. FI Käytä suojakäsineitä. PL Stosować rękawice ochronne. RO Purtați mănuși de protecție. SK Noste ochranné rukavice. SV Använd skyddshandskar. P305 + P351 + P338 EN IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. BG ПРИ КОНТАКТ С ОЧИТЕ: Промивайте внимателно с вода в продължение на няколко минути. Свалете контактните лещи, ако

SAFETY DATA SHEET

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DRAKENBERG

**POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT
"POLYROLE MATTE"**

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 5(11)

	<p>има такива и доколкото това е възможно. Продължавайте да промивате.</p> <p>CS PŘI ZASAŽENÍ OČÍ: Několik minut opatrně vyplachujte vodou. Vyjměte kontaktní čočky, jsou-li nasazeny a pokud je lze vyjmout snadno. Pokračujte ve vyplachování.</p> <p>FI JOS KEMIKAALIA JOUTUU SILMIIN: Huuhto huolellisesti vedellä usean minuutin ajan. Poista piilolinssit, jos sen voi tehdä helposti. Jatka huuhtomista.</p> <p>PL W PRZYPADKU DOSTANIA SIĘ DO OCZU: Ostrożnie płukać wodą przez kilka minut. Wyjąć soczewki kontaktowe, jeżeli są i można je łatwo usunąć. Nadal płukać.</p> <p>RO ÎN CAZ DE CONTACT CU OCHII: clătiți cu atenție cu apă timp de mai multe minute. Scoateți lentilele de contact, dacă este cazul și dacă acest lucru se poate face cu ușurință. Continuați să clătiți.</p> <p>SK PO ZASIAHNUTÍ OČÍ: Niekoľko minút ich opatrne vyplachujte vodou. Ak používate kontaktné šošovky a ak je to možné, odstráňte ich. Pokračujte vo vyplachovaní.</p> <p>SV VID KONTAKT MED ÖGONEN: Skölj försiktigt med vatten i flera minuter. Ta ur eventuella kontaktlinser om det går lätt. Fortsätt att skölja.</p> <p>P337 + P313</p> <p>EN If eye irritation persists: Get medical advice/attention.</p> <p>BG При продължително дразнене на очите: Потърсете медицински съвет/помощ.</p> <p>CS Přežívá-li podráždění očí: Vyhledejte lékařskou pomoc/ošetření.</p> <p>FI Jos silmä-ärsytys jatkuu: Hakeudu lääkäriin.</p> <p>PL W przypadku utrzymywania się działania drażniącego na oczy: Zasięgnąć porady/zgłosić się pod opiekę lekarza.</p> <p>RO Dacă iritarea ochilor persistă: consultați medicul.</p> <p>SK Ak podráždenie očí pretrváva: vyhľadajte lekársku pomoc/starostlivosť.</p> <p>SV Vid bestående ögonirritation: Sök läkarhjälp.</p>
Additional non-GHS hazard statement	<p>EUH210</p> <p>EN Safety data sheet available on request.</p> <p>BG Информационен лист за безопасност ще бъде представен при поискване.</p> <p>CS Na vyžádání je k°dispozici bezpečnostní list.</p> <p>FI Käyttöturvallisuustiedote toimitetaan pyynnöstä.</p> <p>PL Karta charakterystyki dostępna na żądanie.</p> <p>RO Fișa cu date de securitate disponibilă la cerere.</p> <p>SK Na požiadanie možno poskytnúť kartu bezpečnostných údajov.</p> <p>SV Säkerhetsdatablad finns att rekvirera.</p> <p>EUH401</p> <p>EN To avoid risks to human health and the environment, comply with the instructions for use.</p> <p>BG За да се избегнат рискове за човешкото здраве и околната среда, спазвайте инструкциите за употреба.</p> <p>CS Dodržujte pokyny pro používání, abyste se vyvarovali rizik pro lidské zdraví a životní prostředí.</p>

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT
"POLYROLE MATTE"

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 6(11)

FI	Noudata käyttöohjeita ihmisen terveydelle ja ympäristölle aiheutuvien vaarojen välttämiseksi.
PL	W celu uniknięcia zagrożenia dla zdrowia ludzi i środowiska, należy postępować zgodnie z instrukcją użycia.
RO	Pentru a evita riscurile pentru sănătatea umană și mediu, a se respecta instrucțiunile de utilizare.
SK	Dodržiavejte návod na používanie, aby ste zabránili vzniku rizík pre zdravie ľudí a životné prostredie.
SV	För att undvika risker för människors hälsa och för miljön, följ bruksanvisningen.

2.3 Other hazards

Compliance with PBT and vPvB criteria - does not meet PBT and vPvB criteria.

Does not contain destroyers of the endocrine system, in the amount of $\geq 0,1\%$

Does not contain substances in nanoforms in accordance with the Regulation (EC) No 2020/878.

Section 3: Composition/information on ingredients

3.1. SUBSTANCES: Not applicable

3.2. MIXTURES: Product based on below mentioned hazardous ingredients:

Chemical name (IUPAC)	EC #	CAS #	Concentration, %	Classification (CLP/GHS)	Reach reg #
tridecanoethoxylate	500-241-6	69011-36-5	1,5-2,0	Acute toxicity 4, H302 Eye damage ¹ , H318 Skin irritation 2, H315 Aquatic chronic toxicity 3, H412	01- 2119976362- 32-xxxx
Water and other ingredients, determined not to be hazardous	Balance				

For a full decoding of H-phrases, see Section 16.

Section 4: First aid measures

4.1 Description of first aid measures

In case of inhalation: provide the victim with access to fresh air and rest.

In case of skin contact: rinse the skin with plenty of water. If irritation persists, consult a dermatologist.

In case of contact with eyes: immediately rinse eyes thoroughly with plenty of water; remove contact lenses if present, then continue rinsing for 10-15 minutes. Consult an ophthalmologist.

If swallowed: rinse mouth, drink 200-300 ml of water with activated charcoal. Induce vomiting. If necessary, consult a doctor and show him/her the label of this container.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation: may cause irritation of the respiratory tract, sore throat.

In case of skin contact: skin redness, irritation.

In case of contact with eyes: irritation, redness of the eyes, tearing.

If swallowed: burning in the mouth, nausea, pain in the esophagus and abdomen, weakness.

4.3 Indication of any immediate medical attention and special treatment needed

There is no additional information about special first aid measures.

Section 5: Firefighting measures

5.1 Extinguishing media

Flammable properties: The product does not burn, but the polymer packaging can be involved in a fire.

Appropriate fire extinguishing agents: Apply fire extinguishing measures according to environmental conditions. Sprayed water, CO₂ foam, dry chemical powder, sand.

SAFETY DATA SHEET

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DRAKENBERG

**POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT
"POLYROLE MATTE"**

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 7(11)

Inappropriate fire extinguishing agents: do not use a direct water stream on burning materials.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: carbon oxides.

Special protective equipment for fire-fighters: Use a complete set of protective clothing and breathing apparatus required for the specific fire area. Wear eye protection.

5.3 Advice for firefighters

Use standard firefighting equipment such as self-contained breathing apparatus and full protective equipment. Use filters for organic vapors. Spilled product creates a slippery surface. Do not allow fire extinguishing water to enter sewers or water sources. Dispose of contaminated fire extinguishing water in accordance with national regulations. Extinguish the fire from a sufficient distance, observing standard precautions.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Wear personal protective equipment for eyes and skin. Avoid contact with eyes and skin. Cover with non-combustible material - absorbent, collect, place in a container, hand over for disposal. Wash the spill site with plenty of water and detergent. Spilled product forms a slippery surface.

6.1.2 For emergency responders

Wear personal eye and skin protection. Stop or limit the leakage at the source, if safe to do so. Evacuate personnel to a safe area. Restrict access to the spill area until cleanup is complete. Repair the leak if it can be done safely. Eliminate all sources of ignition. Ensure that cleanup is carried out by qualified personnel only.

Small scatters: cover with an absorbent (vermiculite, sand, earth), collect in a container for further disposal. Large scatters: Fence off spills with an earthen berm. Cover with non-combustible material - absorbent, pump out the liquid, collect, place in a container, hand over for disposal. Dispose of the product according to the rules specified in Section 13.

6.2 Environmental precautions

Do not allow the product to enter sewers, rivers, waterways, and other bodies of water or soil. Stop further leakage or spillage if safe to do so. Save the flushing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Covering of sewage. Absorbent non-combustible material, water. Place in containers for disposal. Ventilate the affected area. Wash slippery surfaces remaining after cleaning the product with water and detergent.

6.4 References to other sections

See Section 8 for information on personal safety precautions.

See Section 13 for information on waste disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling

Use only for the intended purpose. Do not allow aerosols to form. Wear rubber gloves when handling the product and avoid contact with eyes. Spilled product causes an increased risk of slipping.

Fire prevention: Keep away from heat sources and open flames, out of sunlight.

7.2 Conditions for safe storage, including any incompatibilities

Store at a temperature of +5°C to +30°C and relative humidity up to 80% at a distance of at least 1 m from heating devices. Store only in the manufacturer's container, separately from food and drinking water, animal feed. Keep the container tightly closed. Guaranteed shelf life is 24 months from the date of manufacture, subject to storage conditions.

Incompatibility with substances: none.

Hazardous decomposition products: carbon oxides during thermal decomposition.

7.3 Specific end use(s)

No data available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

In the air of the working area:

DNEL tridecanoethoxylate (CAS 69011-36-5) = 294 mg/m³ (systemic)

8.2 Exposure controls

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT "POLYROLE MATTE"

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 8(11)

8.2.1 Appropriate engineering controls

Ventilation of working areas, local exhaust systems. Observe general hygiene measures when working with chemicals. Do not eat, drink or smoke while working. Do not allow to enter water bodies and soil.

8.2.2 Individual protection measures, such as personal protective equipment

Protection of the respiratory tract: Does not require

Eye protection: avoid contact with eyes, wear safety glasses in accordance with European standard EN 166.

Skin protection: Protective gloves made of butyl rubber, nitrile rubber (according to European standard EN 420). The choice of suitable gloves is determined not only by the material, but also by other qualitative features, which differ significantly among different manufacturers. When choosing gloves, take into account the data of penetration and time of destruction specified by the manufacturer.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	homogeneous liquid of white color or the color of the used dye
Smell:	of specific raw materials or flavoring used
Threshold of smell:	not defined
pH of 1.0% aqueous solution:	6-7
Melting/freezing point:	0°C
Boiling point or temperature range:	100°C
Flash point:	no data available
Intensity of evaporation:	depends on the temperature
Flammability indicators:	non-flammable liquid
Upper and/or lower ignition limits or explosiveness:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Relative density:	1.00-1.01 g/cm ³ , at a temperature of (20±1)°C
Solubility in water:	unlimited
The n-octanol/water partition coefficient:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	> 120°C
Viscosity:	from 0,2 to 0,4 Pa·s
Explosive properties:	not explosive product

9.2 Other information:

There are currently no additional data from available sources

Section 10: Stability and reactivity

10.1 Reactivity

According to section 10.3

10.2 Chemical stability

The product is stable under the conditions of storage and transportation.

10.3 Possibility of hazardous reactions

Does not polymerize. With proper use, dangerous reactions do not occur.

10.4 Conditions to avoid

Heating, direct sunlight, freezing.

10.5 Incompatible materials:

Not known.

10.6 Hazardous decomposition products:

With proper storage and use, it is not known. For the silicone component present in the product, measurements showed that at a temperature above approximately 150°C, a small amount of formaldehyde is split off due to oxidative decomposition.

Section 11: Toxicological information

Additional information on toxicological endpoints is available from the supplier upon request.

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

DRAKENBERG

POLYCHROM 2020 MATTE PLASTIC AND VINYL POLISH WITH GUAVA SCENT
"POLYROLE MATTE"

Dated: 2023-12-22

Version Nr: 1.0

Supersedes the version: -

Page 9(11)

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

Mixture:

Eye irritation 2

The available data do not give grounds to assume the occurrence of an acute toxic effect as a result of a single oral exposure. The available data do not give reason to assume the occurrence of an acute toxic effect due to a single dermal exposure.

Acute oral toxicity: LD50 (rats) > 2000 mg/kg

Acute dermal toxicity: LD50 (rats) > 2000 mg/kg

Does not irritate the skin of rabbits.

Mutagenicity:	no genotoxic properties were detected
Carcinogenicity:	no carcinogenic effect was detected
Reproductive toxicity:	not detected
Chronic toxicity:	not detected
Teratogenicity:	no teratogenic effects were detected
Cumulative effect:	poor
Specific effects on target organs:	not detected

Tridecаноlethoxylate (CAS 69011-36-5):

Acute oral toxicity: ATE = 500 mg/kg (rats)

Acute inhalation toxicity: ATE = 11 mg/l (vapor inhalation 4 hours, human)

11.2 Information on other hazards

Other relevant information on adverse health effects is not available

Section 12: Ecological information

12.1 Toxicity

The mixture is not classified as hazardous to the aquatic environment. Based on current experience, no adverse effects should be expected in wastewater treatment plants.

Toxicity to aquatic organisms:

Acute toxicity to fish: CL₅₀>100 mg/l (Danio rerio, 96 hours, dynamic);

Acute toxicity for Daphnia: EC₅₀>100 mg/l (Daphnia magna, 48 hours)

Sediment (during wastewater treatment): EC₅₀ > 1000 mg/l

Tridecаноlethoxylate (CAS 69011-36-5):

Acute toxicity to fish: CL₅₀ = 1-10 mg/l (96 hours, Leuciscus idus);

Acute toxicity to aquatic invertebrates: EC₅₀ = 1-10 mg/l (Aquatic invertebrates, 48 hours);

Acute toxicity to algae: EC₅₀ = 1- 10 mg/l (72 hours).

Toxicity to terrestrial organisms:

No information about the product.

12.2 Persistence and degradability

The product is biodegradable.

Tridecаноlethoxylate (CAS 69011-36-5): 82% decomposition - 28 days.

The n-octanol/water partition coefficient K_{ow}= 4,9

BCF = 232,5

BOD 5 value: 4.9 mg O₂/g of substance

COD value 481 mg O₂/ g of substance

Silicone content: elimination by adsorption on activated sludge; not biodegradable.

12.3 Bioaccumulative potential

No negative impact is expected.

12.4 Mobility in soil

No negative impact is expected.

12.5 Results of PBT and vPvB assessment

The product does not meet the PBT and vPvB criteria.

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

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Supersedes the version: -

Page 10(11)

12.6 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors.

12.7 Other adverse effects

Not known.

Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose of in accordance with local regulations. According to the European Industrial Waste Catalogue, the rules and regulations for waste disposal are not defined for the product, but for the type of use.

The rules and regulations for waste disposal should be established by the consumer, preferably with mutual agreement with the industrial waste management company.

Product: Any residual product, which cannot be used as intended, are sent for disposal to a processing enterprise that has a license of the Ministry of Environmental Protection of Ukraine to carry out this type of work. The spilled product is collected using absorbent material in a separate container. Prevent the product from draining into drains and water sources. State Act of Ukraine - the Law of Ukraine "On Waste Management".

Contaminated packaging:

Containers with contaminated adsorbent are disposed of in accordance with waste management standards. Containers that are not contaminated with the substance can be recycled. For container cleaning: water, alkaline cleaning agents. Containers and product residues are destroyed in accordance with the requirements of the current state legislation.

Waste disposal code: Detergents 7710.3.1.23 (Ukraine)

Observe the safety precautions in Section 8 during disposal.

Section 14: Transport information

The product is transported by road (ADR), rail (RID), sea (IMDG), air (ICAO).

14.1 UN number or ID number: not classified

14.2 UN proper shipping name: not classified

14.3 Transport hazard class: not classified

14.4 Packing group: III

14.5 Environmental hazards

The mixture is not classified as hazardous to the aquatic environment.

For more information, see in Section 12..

14.6 Special precautions for user

General measures for safe transportation must be observed

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15: Regulatory information

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

Health, safety and environmental regulations/laws applicable to the mixture or substances.

EU Regulation (EC) No 1907/2006 (REACH) Annex XIV - List of substances to be authorised.

Substances of Very High Concern - none of the components are listed.

Annex XVII - Restrictions on the production, placing on the market and use of certain hazardous substances, mixtures and products: none.

Regulations/laws on labour protection, health and safety, environmental protection, and industrial safety applicable to this product. Law of Ukraine «On Waste Management», «On Environmental Protection», The Law of Ukraine «On Withdrawal from Circulation, Recycling, Utilisation, Destruction or Further Use of Substandard and Hazardous Products», the Water Code of Ukraine, MOH of Ukraine Order No 1596 of 14.07.2020 «About approval of hygienic regulations for the permissible content of chemical and biological substances in the air of the work area». It is necessary to take into account employment restrictions for adolescents.

15.2 Chemical safety assessment:

It is not necessary to conduct a chemical safety assessment.

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Commission Regulation (EU) No 2020/878 of 18 June 2020

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Page 11(11)

Section 16: Other information

Corresponding P-, H-, EUH-phrases:

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H319 Causes serious eye irritation
H412 Harmful to aquatic life with long lasting effects

Precautionary statements:

P264 Wash your hands thoroughly with soap and water after handling.
P280 Wear protective gloves
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Additional non-GHS hazard statement

EUH210 - Safety data sheet available on request.
EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

Abbreviations and acronyms:

ADR	The European agreement on the international carriage of dangerous goods by road
RID	The European Regulation on the International Carriage of Dangerous Goods by Rail
IMDG	European Agreement concerning the International Carriage of Dangerous Goods by Sea
ICAO	European Agreement concerning the International Carriage of Dangerous Goods by Air
PBT	Persistent bioaccumulative toxic substance
vPvB	(very) Persistent, (very) Bioaccumulative and/or Toxic substance
CAS	Chemical Abstracts Service
IUPAC	international Union of Pure and Applied Chemistry (an international union of theoretical and applied chemistry)
EC	European Community
CLP	Classification, Labelling and Packaging
REACH	Registration, Evaluation and Authorisation of Chemicals
EC50	Effective concentration occurring in 50% of experimental animals
LC50	Concentration causing death of 50% of experimental animals
Kow	The n-octanol/water partition coefficient
DNEL	The obtained level of effect absence
PNEC	The predicted non-effect concentration that does not cause impact in the ecosystem
NOEC	The No-Observed Effect Concentration
BOD	Biochemical Oxygen Demand
COD	Chemical Oxygen Demand
BCF	Bioconcentration Factor
ATE	Acute Toxicity Estimate

Training instructions:

During the production and use of the product, it is necessary to regularly train personnel on protective measures and handling of hazardous substances.

Additional Information:

Packaging: plastic container, packaging from 0.5 l to 1000.0 l; poured to order.
The data contained in the safety data sheet are based on the amount of information and experience available to the manufacturer at the time. The consumer of the product is responsible for the consequences of its use for specific purposes. The information relates to this particular mixture. It may not be valid if this mixture is used in conjunction with any other materials or any other process.

Basic literature references and data sources:

Internal research reports
The Hazardous Substances Data Bank (HSDB)
Database of chemicals GESTIS
ECHA database of registered substances
TU U 20.4-44243293-001:2021 Car care products. Technical specifications