

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 1 from
14

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

1.1 Produktkennung

Trade name / name	Castanio	
Product code	Purebeau MB	*: any string
Synonyms	nothing	
REACH registration number	not necessary	
Version		
Revisionsdatum		
Replaces date		

1.2 Relevant identified uses of the substance or mixture and uses used by

1.2.1 Identified uses

Intradermal application by penetration into the dermis as micropigmentation as well as a body tattoo.

1.2.2 Uses used by

Any use not mentioned in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company	Purebeau New Cosmetics GmbH	
Address	12 MozartStr. 13158 Berlin Germany	
Email	info@purebeau.com	
Phone	+49(0) 30 – 4172-7611	

1.4 Emergency number

Contact the data sheet vendor.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 2 from
14

SECTION 2: Danger Identification

2.1 Classification of the substance or mixture

Hazard Summary	Not to be classified in relation to Regulation 1999/45/EC.
Physical hazards	none to be expected
Health risks	no acute expectation; Raising awareness possible, but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Hauptsymptome	none to be expected



2.1.1 Additional hazard identification for humans/environment

None to be expected.



2.2 Labeling

The labeling is based on the labeling of the pure compound alcohol, for the end product no labeling is required.

Label according to Regulation (EC) No 2020/2081 [CLP]

Gefahrenpiktogramme	 
Signalwort	Risk
Gefahrenhinweise	H225

Labelling in accordance with Regulation 67/548/EEC or 1999/45/EC

Gefahrenpiktogramme	 
R-phrases	R: 11x36bis67

Vorsichtshinweise

Prevent	P210 + P280
Storage	P403 + P404 + P235
Registration	nothing

2.3 Other hazards

No one known.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 3 from
14

SECTION 3: Composition/Information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of colored pigments in a glycerol / glycol base.

3.2.2 Composition

Chemical identity	CASE NO.	INCI Name / C.I. No.	Menge [FDA-Code]
Aqua	7732-18-5	Aqua	B
Glycerin	56-81-5	Glycerin	B
Alcohol	64-17-5	Alcohol	C
Propylenglykol	57-55--6	Propylenglykol	D
NaCl	7647-14-5	Sodium Chloride	E
Iron Oxide black	1317-61-9	77499	B
Iron Oxide red	1309-37-1	77491	D
Iron Oxide yellow	64294-91-3	77492	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
c	=	10 – 25 %
D	=	5 – 10 %
e	=	1 – 5 %
f	=	0,1 – 1 %
g	=	< 0.1%

3.3 Additional information

nothing.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 4 from
14

SECTION 4: First aid measures

General information

Since no serious damage is expected, regardless of the type and duration of exposure, a mild cleaning of the associated area is recommended.

4.1 Description of first aid measures

Inhale	Seek medical advice in case of complaints.
Skin	The product should be applied to the skin, as a rule no damage by the product itself possible. If the skin needs to be cleaned before use, use mild detergents/water.
Eye	Rinse with plenty of water for 15 minutes. Seek medical advice in case of complaints.
Taking	Do not induce vomiting. Rinse mouth with water. Seek medical advice in case of complaints. Drink a lot of Water.

4.1.1 Selfprotection

Not required.

4.2 Main symptoms and effects, both acute and delayed

Nothing is known or expected.

4.3 Indication of immediate medical treatment / special treatment required

Nothing is known or expected.

SECTION 5: Fire-fighting measures

5.1 Clearance

5.1.1 Suitable extinguishing agents

Use fire extinguishers that are suitable for surrounding materials.

5.1.2 Unsuitable extinguishing agents

No restrictions are known.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 5 from
14

5.2 Details on fire-fighting measures

5.2.1 Specific hazards arising from the substance or mixture

No one is known or expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire protection precautions specified in the affected area.

5.3 Additional information

nothing.

SECTION 6: Unintentional release measures

6.1 Personal precautions, protective equipment and emergency measures

For non-emergency personnel	No damage to be expected. Wear the appropriate equipment/clothing during the clean-up.
For emergency responders	No damage to be expected. No special precautions required.

6.2 Environmental protection

No harmful and harmful to health.

6.3 Methods and materials for containment and cleaning

Use common detergents. Small quantities can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal, see additionally section 13.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 6 from
14

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal the packaging tightly after use.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages to the outside disinfectant and seal it again after use. Follow the mandatory shelf life of the products before and after opening. Washing before use and follow the local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage

Store indoors in a dry place and not be exposed to direct sunlight. Keep the temperature above freezing and below 35°C.

7.2.2 Packaging materials

Use the original packaging.

7.2.3 Requirements for storage areas and containers

The storage area must remain dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and only exceed the long-term conditions mentioned in 7.2.1 for a short period of time, but not exceed 45 °C.

7.2.4 Incompatibilities during storage

None known when stored in the original packaging.

7.3 Specific end-use(s)

Intradermal application with needle techniques, which are often used for permanent make-up and tattoo without direct injections.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 7 from
14

SECTION 8: Exposure controls/personal protection

8.1 Steuerungsparameter

8.1.1. Occupational exposure limits

Part	Limit	form
Alcohol	380 mg/m ³ /200 ml/m ³	Steam/Gas

8.1.2 Additional exposure limits under working conditions

No one known.

8.2 Exposure Controls

8.2.1 Occupational Exposure Controls

Ensure adequate ventilation of the workplace.

8.2.2 Individual protective measures, such as personal protective equipment

General information	Product contact should not cause any damage. The following protective measures are intended to minimize the risk of irritation caused by vapours or undesirable staining of objects.
Eye/face protection	Wear goggles that are at risk of eye contact.
Skin protection	Wear appropriate gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory	Ensure adequate ventilation.
Thermal hazards	No one known.
Hygiene measures	Do not eat, drink and/or smoke during use. Always take good personal hygiene measures, such as washing hands after handling the material.
Umweltexpositions-kontrolle	Containment of spills, prevent releases and comply with national emission regulations.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 8 from
14

SECTION 9: Physical and chemical properties

9.1 General information

to look	mud brown
Physical state	liquid
form	viscous liquid
Color	brown
Smell	Neutral to slightly alcoholic
Geruchsschwelle	Not available

9.1.1 Important health, safety and environmental information

pH value / range	Not determitted
Melting point/freezing point	Not available.
Initial sieingpoint and sieing range	Not available.
Boiling point	Not available.
Verdunstungsrate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit - lower (%)	Not available.
Flammability limit - above (%)	Not available.
Vapour pressure with 20°C	40 hPa
Vapor Density with 20°C	0,811 g/cm3
Relative density ($\frac{\rho_{substance}}{\rho_{water}}$)	Not available.
Solubility (ies)	Liquid is soluble in water. Pigments are insoluble.
Separation coefficient (n-octanol/water)	Not available.
Autozündungstemperatur	Not available.
Zersetzungstemperatur	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 For more information

nothing.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 9 from
14

SECTION 10: Stability and reactivity

The product is stable and not reactive under normal operating conditions, storage and transport.

10.1 Reactivity

No reactions are expected in this datasheet, the storage and usage conditions. Do not mix with products that are not intended for this use.

10.2 Chemical stability

No reactions are expected in this datasheet, the storage and usage conditions. Do not mix with products that are not intended for this use.

10.3 Possibility of dangerous reactions

No one is known or expected.

10.4 Avoid conditions

Avoid overstretched temperatures, as mentioned in section 7 for the product, may become more viscous or drier and may no longer be applicable.

10.5 Materials to be avoided

No one known.

10.6 Dangerous decomposition products

No hazardous decomposition products are known when used, stored and transported under normal conditions, as mentioned in this Safety Data Fund.

SECTION 11: Toxicological information

General information

The product has no known toxic or comparable harmful effects on human health.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 10
from 14

Information on probable routes of exposure

Taking	Inhalation can irritate the respiratory system.
Inhale	Inhalation can irritate the respiratory system.
Skin	No side effects known or expected.
Eye	Direct contact can irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritation may occur after the above-mentioned exposures, other symptoms are not known and unlikely.

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known from an ingredient in relation to the concentration used.
Skin corrosion/irritation	No one known or expected.
Severe eye damage/irritation	Direct contact can irritate the eyes.
Awareness	No one known.
Toxicity - repeated exposure	None known for individual ingredients, not available for blending.
Karzinogenität	None known for individual ingredients, not available for blending.
Mutagenität	None known for individual ingredients, not available for blending.
Reproduktionstoxizität	None known for individual ingredients, not available for blending.

For more information

No other specific acute or chronic health effects have been noted.

SECTION 12: Ecological information

12.1 Ökotoxizität

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been specified.
Photochemical degradability	No significant photochemical decomposition to be expected.
Bioabbaubarkeit	The degradability of the product has not been specified.
Biokonzentrationsfaktor (BCF)	Not available.
Long-term ecotoxicity	Not available.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 11
from 14

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of solid compounds. An accumulation of water-soluble compounds is also unlikely.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static fluid systems.

12.5 Results of the PBT and vPvB evaluation

No PBT or vPvBmix.

12.6 Other side effects

Not available.

12.7 More ecological information

nothing.

SECTION 13: Disposal considerations

13.1 Abfallbehandlungsmethoden

Dispose of residual waste in accordance with local regulations. Disposal into wastewater is not recommended

13.2 Abfallcodes

EAK/AVV	08 01 20
Had	08 01 20
EPA (USA)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of the sandy regulations.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 12
from 14

13.4 Additional Information / Special Precautions

nothing.

SECTION 14: Traffic information

14.1 Inland transport

ADR	The product is not covered by the international regulation on the transport of Hazardous goods.
The	The product is not covered by the international regulation on the transport of Hazardous goods.
ADN	The product is not covered by the international regulation on the transport of Hazardous goods.
GGVSE	The product is not covered by the international regulation on the transport of Hazardous goods.

14.2 Maritime transport

Imdg	The product is not covered by the international regulation on the transport of Hazardous goods.
Ggvsee	The product is not covered by the international regulation on the transport of Hazardous goods.

14.3 Airfreight

Iata	The product is not covered by the international regulation on the transport of Hazardous goods.
I hope	The product is not covered by the international regulation on the transport of Hazardous goods.

SECTION 15: Regulatory Information

15.1 Health, health and environmental regulations/legislation specific to the substance or mixture

15.1.1 EU rules

Resolution ResAP(2008)1 on requirements and criteria for the safety of tattoos and permanent make-up

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 13
from 14

15.1.2 National regulations

Follow the national and local regulations regarding this type of product, the following list could be incomplete:

Germany	Regulation on means of tattooing, including certain similar substances and preparations made of substances (tattoo -Regulation)
Austria	BGBI. 139. Ordinance: Access requirements for the regulated Trade in cosmetics (beauty care)
	BGBI. 141. Ordinance: Exercise rules for piercing and tattooing by cosmetics(beautycare)-tradesmen
	BGBI. 261. Ordinance: Amendment to the Ordinance on Exercise Rules for Piercing and Tattooing by Cosmetics (Beauty Care) - Professionals
	BGBI. 262. Ordinance: Exercise rules for foot care, cosmetics and Massage by tradesmen, Appendix 1
Netherlands	Decision of 14 August 2003 on the Safety ofTattoo Colors(CommoditiesAct Decision Tattoo Dyes)
France	Decree No 2008-210 of 3 March 2008 laying down the rules for the manufacture, packaging and importofing of tattoo products, the national vigilance system andthe changesThe public health code(regulations)
Switzerland	Ordinance of the EDI on objects for mucosal, skin and hair contact as well as on candles, matches, lighters and joke articles (Regulation on objects for human contact)

Other rules

No one known.

15.2 Stoffsicherheitsbewertung

A safety assessment has been performed for this product.

Material Safety Data Sheet (MSDS)

according to Regulation (EC) 2020/2081 (REACH)

Purebeau MB Castanio

Page 14
from 14

SECTION 16: More information

16.1 Full text of all statements or R-phrases and H-phrases according to sections 2 to 15

H225: Highly flammable liquid and vapours.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written on the basis of the best available knowledge and experience.

16.4 For more information

Abbreviations:

Pbt	Not applicable
Vpnb	Not applicable

16.5 References

HSDB® - Hazardous Substances Database
GESTIS Database on Hazardous
Substances