

Safety Data Sheet

according to REACH Regulation

PITT Artist Pen Metallic 6 Colours

Revision date: 09.03.2023

Product code: 100-112-xxx

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

1.1. Product identifier

PITT Artist Pen Metallic 6 Colours

Further trade names

gold-metallic
silver -metallic
green -metallic
blue -metallic
rubine -metallic
copper. -metallic

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

Use of the substance/mixture

Ink in writing instrument

1.3. Details of the supplier of the safety data sheet

Company name:	A.W. Faber-Castell Ges.m.b.H	
	Austria	
Street:	Saag 7	
Place:	A-4090 Engelhartszell	
Telephone:	+43 (0)-7717-8053-0	Telefax: +43 (0)-7717-8053-4344
e-mail:	werk-ezell@faber-castell.at	
Contact person:	Dr. Gerhard Lugert	Telephone: +49 911 9965 5550
e-mail:	Gerhard.Lugert@faber-castell.com	
Internet:	www.faber-castell.de	
Responsible Department:	Faber-Castell AG	
	Nürnberg Str. 2	
	D-90546 Stein	
	Department TEC	
	Dr. Gerhard Lugert, +49 911 9965 5550, privat: +49 911 616426	
	Theresa Gmelch, +49 911 9965 5638	

1.4. Emergency telephone number:

+49 911 9965 5550
+49 911 616426

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP Regulation

Skin Sens. 1; H317
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

CLP Regulation

Hazard components for labelling

2-methylisothiazol-3(2H)-one
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

Signal word: Warning

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Pictograms:



Hazard statements

May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN: Wash with plenty of Water and soap..
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Special labelling of certain mixtures

1 - < 5 % of the mixture consists of ingredient(s) of unknown acute toxicity (inhalation).
Contains 1 - < 5 % of components with unknown hazards to the aquatic environment.

2.3. Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Water-based ink with pigments, binders, humidifying agents, preservatives and surface active agents.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (CLP Regulation)			
95-38-5	2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol			< 1 %
	202-414-9		01-2119777867-13	
	Acute Tox. 4, Skin Corr. 1B, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H373 H400 H410			
112-02-7	Cetyltrimethylammoniumchloride			< 0.1 %
	203-928-6		01-2119970558-23	
	Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H318 H400 H410			
2682-20-4	2-methylisothiazol-3(2H)-one			< 0.1 %
	220-239-6	613-326-00-9	01-2120764690-50	
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071			
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one			< 0.1 %
	220-120-9	613-088-00-6	01-2120761540-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
95-38-5	202-414-9	2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol	< 1 %
		oral: ATE = 500 mg/kg	
112-02-7	203-928-6	Cetyltrimethylammoniumchloride	< 0.1 %
		oral: ATE = 500 mg/kg Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=1	
2682-20-4	220-239-6	2-methylisothiazol-3(2H)-one	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=1	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	< 0.1 %
		oral: ATE = 500 mg/kg Skin Sens. 1; H317: >= 0,05 - 100	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose off safely.
If victim is at risk of losing consciousness, position and transport on their side.
Turn a vomiting person to the side.

After inhalation

In case of feeling unwell seek medical advice.

After contact with skin

Wash immediately with soap and plenty of water.

After contact with eyes

Rinse with eyelid held open for several minutes with running water. Medical treatment necessary.

After ingestion

Drink large amounts of water and fresh air.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

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

No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

If packaging or plastic boxes are burning: Carbon dioxide (CO₂). Extinguishing powder. Water spray. Fight against a major burning with: Water spray.

Unsuitable extinguishing media

For this substance / preparation no extinguishing agent restriction exist.

5.2. Special hazards arising from the substance or mixture

No specific hazards known.

5.3. Advice for firefighters

No special protective equipment.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Change contaminated clothing.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Information for safe handling, see section 7.

Information for personal protective equipment, see section 8.

Information for disposal, see section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Keep container tightly closed.

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

none

Further information on handling

No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Protect from freezing.

Recommended storage temperature: 5 - 35 °C

Hints on joint storage

none

7.3. Specific end use(s)

Ink in writing instrument

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7429-90-5	Aluminium metal, respirable dust	-	4		TWA (8 h)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL

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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
7429-90-5	Aluminium (stabilized)			
Worker DNEL, long-term		inhalation	local	3,72 mg/m ³
Consumer DNEL, long-term		oral	systemic	3,95 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	3,72 mg/m ³
57-55-6	Propylenglykol			
Worker DNEL, long-term		inhalation	systemic	168 mg/m ³
Worker DNEL, long-term		inhalation	local	10 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	50 mg/m ³
Consumer DNEL, long-term		inhalation	local	10 mg/m ³
95-38-5	2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol			
Worker DNEL, long-term		dermal	systemic	0,06 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	0,46 mg/m ³
Worker DNEL, acute		dermal	systemic	2 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	14 mg/m ³
2682-20-4	2-methylisothiazol-3(2H)-one			
Worker DNEL, long-term		inhalation	local	0,021 mg/m ³
Worker DNEL, acute		inhalation	local	0,043 mg/m ³
Consumer DNEL, long-term		inhalation	local	0,021 mg/m ³
Consumer DNEL, acute		inhalation	local	0,043 mg/m ³
Consumer DNEL, long-term		oral	systemic	0,027 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	0,053 mg/kg bw/day
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one			
Worker DNEL, long-term		inhalation	systemic	6,81 mg/m ³
Worker DNEL, long-term		dermal	systemic	0,966 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,2 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,345 mg/kg bw/day

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PNEC values

CAS No	Substance	
Environmental compartment		Value
7429-90-5	Aluminium (stabilized)	
Freshwater		0,0749 mg/l
Micro-organisms in sewage treatment plants (STP)		20 mg/l
57-55-6	Propylenglykol	
Freshwater		260 mg/l
Marine water		26 mg/l
Marine water (intermittent releases)		183 mg/l
Freshwater sediment		572 mg/kg
Marine sediment		57,2 mg/kg
Micro-organisms in sewage treatment plants (STP)		20000 mg/l
Soil		
95-38-5	2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol	
Freshwater		0,00003 mg/l
Marine water		0,000003 mg/l
Freshwater sediment		0,376 mg/kg
Marine sediment		0,0376 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,27 mg/l
Soil		0,075 mg/kg
112-02-7	Cetyltrimethylammoniumchloride	
Freshwater		0,00042 mg/l
Freshwater (intermittent releases)		0,00012 mg/l
Marine water		0,000042 mg/l
Freshwater sediment		68 mg/kg
Marine sediment		6,8 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,4 mg/l
Soil		0,4 mg/kg
2682-20-4	2-methylisothiazol-3(2H)-one	
Freshwater		0,00339 mg/l
Freshwater (intermittent releases)		0,00339 mg/l
Marine water		0,00339 mg/l
Micro-organisms in sewage treatment plants (STP)		0,23 mg/l
Soil		0,0471 mg/kg
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	
Freshwater		0,00403 mg/l
Freshwater (intermittent releases)		0,0011 mg/l
Marine water		0,000403 mg/l
Freshwater sediment		0,0499 mg/l
Marine sediment		0,00499 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,03 mg/l
Soil		3 mg/kg

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8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

For normal use not necessary.

Hand protection

For normal use not necessary.

Skin protection

For normal use not necessary.

Respiratory protection

not necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	variable
Odour:	slightly
Melting point/freezing point:	10 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	No data available.
Lower explosion limits:	No data available.
Upper explosion limits:	No data available.
Flash point:	179 °C
Auto-ignition temperature:	420 °C
Decomposition temperature:	No data available.
pH-Value:	8,6
Viscosity / kinematic:	No data available.
Water solubility:	completely miscible
Solubility in other solvents	No data available.
Partition coefficient n-octanol/water:	No data available.
Vapour pressure:	No data available.
(at 20 °C)	
Vapour pressure:	No data available.
Density (at 20 °C):	1 g/cm ³
Bulk density:	No data available.
Relative vapour density:	No data available.
Particle characteristics:	not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

not Explosive.

Sustaining combustion:

Not sustaining combustion

Self-ignition temperature

Solid:

No data available.

Gas:

No data available.

Oxidizing properties

Non-oxidizing.

Other safety characteristics

Evaporation rate:

No data available.

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Solvent separation test:	No data available.
Solvent content:	<3%
Solid content:	<10%
Sublimation point:	No data available.
Softening point:	No data available.
Pour point:	No data available.
	No data available.
Viscosity / dynamic: (at 20 °C)	2,8 - 7,2 mPa.s
Flow time:	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

not document proof

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

none known

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in CLP Regulation

Acute toxicity

LD50: > 4000 mg/kg (Acute toxicity, oral, Rat calculated)

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
95-38-5	2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol				
	oral	ATE 500 mg/kg			
112-02-7	Cetyltrimethylammoniumchloride				
	oral	ATE 500 mg/kg			
2682-20-4	2-methylisothiazol-3(2H)-one				
	oral	ATE 100 mg/kg			
	dermal	ATE 300 mg/kg			
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one				
	oral	ATE 500 mg/kg			

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Irritation and corrosivity

Primary irritation: Irritant effect on the skin: none known

Irritant effect on the eye: Slight irritation possible

SECTION 12: Ecological information

12.1. Toxicity

No toxicity.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
112-02-7	Cetyltrimethylammoniumchloride					
	Acute fish toxicity	LC50	0,1 mg/l	96 h	Gestis	
	Acute crustacea toxicity	EC50	0,1 mg/l	48 h	Gestis	

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH.

No data available.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Waste disposal according to official state regulations and local regulations.

Disposal identification: Water-based colours

Water-based inks

List of Wastes Code - residues/unused products

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

List of Wastes Code - used product

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

List of Wastes Code - contaminated packaging

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

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Contaminated packaging

Clean with water.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.**14.4. Packing group:** No dangerous good in sense of this transport regulation.**Other applicable information (land transport)**

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.**14.4. Packing group:** No dangerous good in sense of this transport regulation.**Other applicable information (inland waterways transport)**

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.**14.4. Packing group:** No dangerous good in sense of this transport regulation.**Other applicable information (marine transport)**

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.**14.4. Packing group:** No dangerous good in sense of this transport regulation.**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

Other applicable information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2010/75/EU (VOC): <3%

2004/42/EC (VOC): <4%

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Information according to 2012/18/EU
(SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D):

2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

EC: European Community

CAS: Chemical Abstracts

TRGS: Technische Regeln für Gefahrstoffe

LD: letal Dose

DIN: Deutsches Institut für Normung

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe

A.W.: Anton Wolfgang

HZVA: Production, Blending, Sale and Application. Abbreviation of the European waste register.

VOC: Volatile Organic Compounds

EN: Europäische Norm

GHS: Globally Harmonized System

Classification for mixtures and used evaluation method according to CLP Regulation

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

Toxic if swallowed.

Harmful if swallowed.

Toxic in contact with skin.

Causes severe skin burns and eye damage.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

Fatal if inhaled.

May cause damage to organs (...) through prolonged or repeated exposure in contact with skin.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

Corrosive to the respiratory tract.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)