



Safety Data Sheet

A.W. Faber- Castell Ges.m.b.H

according to Regulation (EC) No 1907/2006

PITTArtpenBigBrush-57colour

Print date: 13.02.2013

Product code: PITTArtpen_BigBrush

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

PITTArtpenBigBrush-57colour

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**Manufacturer**

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 Österreich
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1.4. Emergency telephone number:**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

GHS classification

This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2. Label elements**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

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
215-647-6	ammonia ... %	< 1 %
1336-21-6	C - Corrosive, N - Dangerous for the environment R34-50	
007-001-01-2	Skin Corr. 1B, Aquatic Acute 1; H314 H400	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Revision No: 1,01

GB - EN

Revision date: 01.07.2012

Item Numbers: 21882-1040, 21882-1100, 21882-1190, 21882-2020, 21882-2290, 21882-2330, 21882-2340, 21882-2350, 21882-2810, 21882-2830, 21882-2840, 21882-2860, 21882-3040, 21882-3080, 21882-3160, 21882-3170, 21882-3190, 21882-3250, 21882-3380, 21882-3710, 21882-3720, 21882-3760, 21882-3800, 21882-3810, 21882-3820, 21882-4040, 21882-4160, 21882-4200, 21882-4410, 21882-4550, 21882-5070, 21882-5160, 21882-5180, 21882-5210, 21882-5230, 21882-5340, 21882-5370, 21882-5920, 21882-6060, 21882-6160, 21882-6620, 21882-6650, 21882-7010, 21882-7070, 21882-7150, 21882-7160, 21882-7330, 21882-7490, 21882-7650, 21882-7820, 21882-7910, 21882-7920, 21882-8070, 21882-8080, 21882-8350, 21882-8520, 21882-8910, 21882-9170



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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.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media**

none, ink not burnable.

If packaging is burning: Carbon dioxide (CO₂). Extinguishing powder. Water spray. Fight against a major burning with: Water spray.**5.3. Advice for firefighters**

no special

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Change contaminated clothing.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Bind with absorbent material. Waste disposal according to official state regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advice on safe handling**

Keep container tightly closed.

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

Protect from freezing.

Recommended storage temperatur: 5 - 35 °C

Advice on storage compatibility

none/none

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7664-41-7	Ammonia, anhydrous	25	18		TWA (8 h)	WEL
		35	25		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL



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8.2. Exposure controls

Protective and hygiene measures

none/none

Respiratory protection

not necessary

Hand protection

For normal use not necessary.

Eye protection

For normal use not necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour: 57 colours
 Odour: slightly

Test method

pH-Value: ca. 9

Changes in the physical state

Melting point: 10 °C
 Boiling point: 80 - 100 °C
 Flash point: > 100 °C
 Vapour pressure: ca. 60 hPa
 (at 20 °C)
 Density (at 20 °C): ca. 1 g/cm³
 Viscosity / dynamic: ca. 2-6 mPa·s
 (at 20 °C)

9.2. Other information

Miscible with: water.

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

Hazardous reactions: Not known.

10.6. Hazardous decomposition products

Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

Irritation and corrosivity

Primary irritation: Irritant effect on the skin: none known
 Irritant effect on the eye: Slight irritation possible

SECTION 12: Ecological information



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12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
1336-21-6	ammonia ... %					
	Acute fish toxicity	LC50	0,53 mg/l	96	Onchorhynchus mykiss	
	Acute crustacea toxicity	EC50	24 mg/l	48	Daphnia magna	

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1336-21-6	ammonia ... %	-1,38

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations and local regulations.
 German Waste Catalogue - Waste code: 080103
 Disposal identification: Water-based colours
 Water-based inks

Contaminated packaging

Clean with water.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Full text of R phrases referred to under Sections 2 and 3

- 34 Causes burns.
 50 Very toxic to aquatic organisms.

Full text of H statements referred to under Sections 2 and 3

- H314 Causes severe skin burns and eye damage.
 H400 Very toxic to aquatic life.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances 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.)