

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 xx Nero Pencil

Date: 15.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 1 of 5

## 1. Identification of substance / preparation and company

1.1 Product Identifier:	Nero Pencil, five different grades 461 xx (Lead) Single lead: 461 01 = extra soft, 461 02 = soft, 461 03 = medium, 461 04 = hard, 461 05 = extra hard Set: 461 89
1.2 Intended use:	Artist material. Water resistant lead use in pencil.
1.3 Details of the supplier of the safety data sheet:	Manufacturer Name: Brevillier-Urban & Sachs GmbH & CoKG Full Address: Am Anger 1 District and Country: 7024 Hirm, Austria Phone: +43(0)2687 54245-0 Fax: +43(0)2687 54245-549
Responsible for safety data sheet:	Brevillier Urban & Sachs GmbH & Co KG
Email:	<a href="mailto:info@brevillier.com">info@brevillier.com</a>
Emergency Telephone no.:	Office: +43(0)2687 54245-0 available Monday – Friday: 07:30 – 16:30

## 2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture EU Regulation 1272/2008	The product is not classified as hazardous in accordance with EU Regulation 1272/2008 and subsequent amendments and supplements.
2.2 Label elements	This preparation does not require any hazard labelling in accordance with regulation 1272/2008.
2.3 Other hazards	Information not relevant.

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

3.2 Mixtures	Solid mixture containing mineral filling agents, binding agents, impregnation agents, graphite and inorganic pigments.
	Mixture of substances listed below with non hazardous additions Carbon black: CAS 1333-86-4; EINECS 215-609-9 Talcum: CAS 14807-96-6; EINECS 238-877-9 Graphite: CAS 999999-99-4/7782-42-5; EINECS 310-127-6/231-955-3 Kaolin: CAS 1332-58-7; EINECS 310-194-1 Calcium stearate: CAS 1592-23-0; EINECS 216-472-8 Sodium carboxymethylcellulose Soap powder Tallow Stearic acid: CAS 67701-03-5; EINECS 266-928-5
Dangerous components	None

## 4. FIRST AID MEASURES

First Aid	
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## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 xx Nero Pencil

Date: 15.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 2 of 5

Skin Contact	Not classified as an irritant. Wash with soap & flowing water.
Eye Contact	Irrigate with water. If symptoms persist seek medical attention.
Inhalation	The preparation, according to the composition, does not contain or release substances deemed to create adverse effect in case of inhalation. Remove source of dust and provide fresh air or take person to fresh air. At Symptoms such as malaise, coughing or persistent irritation, seek medical advice.
Ingestion	The preparation does not contain substances classified as dangerous for the health, in concentration exceeding the threshold limits deemed to create adverse effect in case of ingestion. Ingestion is not expected due to the physical form.

## 5. FIRE-FIGHTING MEASURES

Hazard	Explosive Limits: none
5.1 Extinguishing media	Alcohol resistance foam, water spray or fog. Dry chemical powder, carbon dioxide, sand.
Media to avoid	
5.2 Hazardous combustion products	Carbon Monoxide (co) can form with incomplete combustion. Some Oxides of Nitrogen (NOx) and Sulphur (SOx) could be formed. Complete combustion will yield primarily Carbon Dioxide (CO2) and Water.
5.3 Protective Equipment	Fire fighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece
5.4 Additional Information	Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	No special protective measures for persons are required.
6.2 Environmental Precautions	Collect material mechanically. Prevent contamination of soil and water.

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling	No special precautions required. Do not eat, drink and smoke in the work areas; wash hands after use; remove contaminated clothing or protective equipment before enter eating areas; respect safety instructions applied inside the working area. Washable from the skin and most of textiles.
7.1 Conditions for safe storage	Normal storage conditions. Keep away from direct sunlight and other sources of heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 xx Nero Pencil

Date: 15.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 3 of 5

8.1 Control Parameters	-
8.2 Exposure control	-
Personal Protection	-
Hand Protection	-
Eye Protection	-
Skin Protection	-
Additional	-
Environmental Exposure	See Section 12 for detailed information

## 9. PHYSIKAL AND CHEMICAL PROPERTIES

Odour Ethereal Appearance	Coloured solid
Colour	black
Ph Value	Not applicable
Boiling Point /Range	Not applicable
Flash Point	Not applicable
Auto-ignition	-
Explosive Properties	This preparation is not considered explosive
Explosive Limits	Not applicable
Vapour Pressure	none
Relative Density	-
Solubility	Not dispersible in water
Viscosity	Not applicable
Water Solubility	Not dispersible

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	There is no particular risk of reaction with other substances in normal condition of use.
10.2 Chemical stability	The product is stable in normal condition of use and storage.
10.3 Possibility of hazardous reactions	No hazardous reaction is foreseeable in normal condition of use.
10.4 Conditions to avoid	None
10.5 Incompatible materials	None
10.6 Hazardous Decomposition	May give of irritant / toxic fumes if involved in a fire. Primarily forms oxides of carbon during combustion.

## 11. TOXIOLOGICAL INFORMATION

11.1 Information on toxicological effects	In case of suitable use there are no dangerous properties for human health.
11.2 Acute oral toxicity	The preparation does not contain substances having acute oral toxicity classification.
11.3 Skin irritation	Not classified as irritating to skin according to the data on the components and the classification criteria for mixtures.
11.4 Eye irritation	Because of the solid nature of the preparation avoid contact to eyes.

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 xx Nero Pencil

Date: 15.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 4 of 5

11.5 Cancerogenic / mutagenic effects	According to our experience and the information available to us, the product does not have any harmful effects on health when handled and used as intended.
11.6 Reproductive toxicity	This formulation is free of substances having potential effects in terms of reproductive toxicity.

## 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	The preparation has no toxically adverse effect on the environment according to the classification of the components and the composition of the mixture.
12.2 Bioaccumulative potential	The preparation does not contain substances having adverse effect on the environment in terms of bioaccumulative potential.
Results of the PBT and vPvB assessment	The substances in the preparation does not meet the PBT and vPvB criteria according to Reach, Annex XIII.
Other Adverse effects	No other effects are related to this preparation according to the information on the components.

## 13. DISPOSAL CONSIDERATIONS

Dispose of spilled material and containers in accordance with State and Local regulations for waste. State or Local regulations are complex and subject to change so should be consulted by the owner of the waste prior to disposal.

## 14. TRANSPORT INFORMATION

UN No:	
Proper Shipping Name:	
ADR, IATA, IMDG	Not classified as dangerous in the meaning of transport

## 15. REGULATORY INFORMATION

Hazard Symbol	
-H-phrases	None
-P-Phrases	

## 16. OTHER INFORMATIONS

**Short cuts und Acronyms:**

ATE = appraised value of the acute toxicity

CLP =EU Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

DNEL = Derived No Effect Level

EUH-Satz = CLP-spezifische warnings

PNEC = predicted no effect concentration

RRN = REACH Registrierungnummer

~~Brevillier-Urban & Sachs GmbH CoKG~~**Safety Data Sheet in Accordance with 1907/2006/EG**

Product Name: 461 xx Nero Pencil

Date: 15.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 5 of 5

n.a. not available

The product conforms to the requirement of ASTM D-4236 in respect of toxicity.

The information contained herein does not constitute the user's own assessment of workplace risk as required by other health and safety legislation. The above information is provided in good faith and is based on our present knowledge. It shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual arrangement.

~~Brevillier-Urban & Sachs GmbH CoKG~~

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 460 xx Charcoal Pencil

Date: 12.12.2014

Revision Date: 05.10.2021

Revision no. 4

Page 1 of 5

## 1. Identification of substance / preparation and company

1.1 Product Identifier:	Charcoal Pencil, three different grades 460 xx (Lead) Single lead: 460 01 = soft, 460 02 = medium, 460 03 = hard Set: 460 88
1.2 Intended use:	Artist material. Charcoal lead use in pencil.
1.3 Details of the supplier of the safety data sheet:	Manufacturer Name: Brevillier-Urban & Sachs GmbH & CoKG Full Address: Am Anger 1 District and Country: 7024 Hirm, Austria Phone: +43(0)2687 54245-0 Fax: +43(0)2687 54245-549
Responsible for safety data sheet:	Brevillier Urban & Sachs GmbH & Co KG
Email:	<a href="mailto:info@brevillier.com">info@brevillier.com</a>
Emergency Telephone no.:	Office: +43(0)2687 54245-0 available Monday – Friday: 07:30 – 16:30

## 2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture EU Regulation 1272/2008	The product is not classified as hazardous in accordance with EU Regulation 1272/2008 and subsequent amendments and supplements.
2.2 Label elements	This preparation does not require any hazard labelling in accordance with regulation 1272/2008.
2.3 Other hazards	Information not relevant.

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

3.2 Mixtures	Solid mixture containing mineral filling agents, binding agents, graphite and inorganic pigments. Mixture of substances listed below with non hazardous additions Charcoal: CAS 16291-96-6; EINECS 240-383-3 Clay: EINECS 310-127-6 Carbofin: CAS 8029-10-5; EINECS 617-045-2 Graphite: CAS 999999-99-4/7782-42-5; EINECS 310-127-6/231-955-3 Polyethylene glycol: CAS 25322-68-3; EINECS 500-038-2 Sodium carboxymethylcellulose Soap powder
Dangerous components	None

## 4. FIRST AID MEASURES

First Aid	
Skin Contact	Not classified as an irritant. Wash with soap & flowing water.
Eye Contact	Irrigate with water. If symptoms persist seek medical attention.

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 460 xx Charcoal Pencil

Date: 12.12.2014

Revision Date: 05.10.2021

Revision no. 4

Page 2 of 5

Inhalation	The preparation, according to the composition, does not contain or release substances deemed to create adverse effect in case of inhalation. Remove source of dust and provide fresh air or take person to fresh air. At Symptoms such as malaise, coughing or persistent irritation, seek medical advice.
Ingestion	The preparation does not contain substances classified as dangerous for the health, in concentration exceeding the threshold limits deemed to create adverse effect in case of ingestion. Ingestion is not expected due to the physical form.

## 5. FIRE-FIGHTING MEASURES

Hazard	Explosive Limits: none
5.1 Extinguishing media	Alcohol resistance foam, water spray or fog. Dry chemical powder, carbon dioxide, sand.
Media to avoid	
5.2 Hazardous combustion products	Carbon Monoxide (co) can form with incomplete combustion. Some Oxides of Nitrogen (NOx) and Sulphur (SOx) could be formed. Complete combustion will yield primarily Carbon Dioxide (CO2) and Water.
5.3 Protective Equipment	Fire fighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece
5.4 Additional Information	Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	No special protective measures for persons are required.
6.2 Environmental Precautions	Collect material mechanically. Prevent contamination of soil and water.

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling	No special precautions required. Do not eat, drink and smoke in the work areas; wash hands after use; remove contaminated clothing or protective equipment before enter eating areas; respect safety instructions applied inside the working area. Washable from the skin and most of textiles.
7.1 Conditions for safe storage	Normal storage conditions. Keep away from direct sunlight and other sources of heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters	-
8.2 Exposure control	-

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 460 xx Charcoal Pencil

Date: 12.12.2014

Revision Date: 05.10.2021

Revision no. 4

Page 3 of 5

Personal Protection	-
Hand Protection	-
Eye Protection	-
Skin Protection	-
Additional	-
Environmental Exposure	See Section 12 for detailed information

## 9. PHYSIKAL AND CHEMICAL PROPERTIES

Odour Ethereal Appearance	Coloured solid
Colour	Grey to black
Ph Value	Not applicable
Boiling Point /Range	Not applicable
Flash Point	Not applicable
Auto-ignition	-
Explosive Properties	This preparation is not considered explosive
Explosive Limits	Not applicable
Vapour Pressure	none
Relative Density	-
Solubility	Dispersible in water
Viscosity	Not applicable
Water Solubility	dispersible

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	There is no particular risk of reaction with other substances in normal condition of use.
10.2 Chemical stability	The product is stable in normal condition of use and storage.
10.3 Possibility of hazardous reactions	No hazardous reaction is foreseeable in normal condition of use.
10.4 Conditions to avoid	None
10.5 Incompatible materials	None
10.6 Hazardous Decomposition	May give of irritant / toxic fumes if involved in a fire. Primarily forms oxides of carbon during combustion.

## 11. TOXIOLOGICAL INFORMATION

11.1 Information on toxicological effects	In case of suitable use there are no dangerous properties for human health.
11.2 Acute oral toxicity	The preparation does not contain substances having acute oral toxicity classification.
11.3 Skin irritation	Not classified as irritating to skin according to the data on the components and the classification criteria for mixtures.
11.4 Eye irritation	Because of the solid nature of the preparation avoid contact to eyes.
11.5 Cancerogenic / mutagenic effects	According to our experience and the information available to us, the product does not have any harmful effects on health when handled and used as intended.



## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 460 xx Charcoal Pencil

Date: 12.12.2014

Revision Date: 05.10.2021

Revision no. 4

Page 4 of 5

11.6 Reproductive toxicity	This formulation is free of substances having potential effects in terms of reproductive toxicity.
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## 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	The preparation has no toxically adverse effect on the environment according to the classification of the components and the composition of the mixture.
12.2 Bioaccumulative potential	The preparation does not contain substances having adverse effect on the environment in terms of bioaccumulative potential.
Results of the PBT and vPvB assessment	The substances in the preparation does not meet the PBT and vPvB criteria according to Reach, Annex XIII.
Other Adverse effects	No other effects are related to this preparation according to the information on the components.

## 13. DISPOSAL CONSIDERATIONS

Dispose of spilled material and containers in accordance with State and Local regulations for waste. State or Local regulations are complex and subject to change so should be consulted by the owner of the waste prior to disposal.

## 14. TRANSPORT INFORMATION

UN No:	
Proper Shipping Name:	
ADR, IATA, IMDG	Not classified as dangerous in the meaning of transport

## 15. REGULATORY INFORMATION

Hazard Symbol	
-H-phrases	None
-P-Phrases	

## 16. OTHER INFORMATIONS

**Short cuts und Acronyms:**

ATE = appraised value of the acute toxicity

CLP =EU Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

DNEL = Derived No Effect Level

EUH-Satz = CLP-spezifische warnings

PNEC = predicted no effect concentration

RRN = REACH Registrationnummer

n.a. not available

~~Brevillier-Urban & Sachs GmbH CoKG~~

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**Safety Data Sheet in Accordance with 1907/2006/EG**

Product Name: 460 xx Charcoal Pencil

Date: 12.12.2014

Revision Date: 05.10.2021

Revision no. 4

Page 5 of 5

The product conforms to the requirement of ASTM D-4236 in respect of toxicity.

The information contained herein does not constitute the user's own assessment of workplace risk as required by other health and safety legislation. The above information is provided in good faith and is based on our present knowledge. It shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual arrangement.

~~Brevillier-Urban & Sachs GmbH CoKG~~

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 51 and 461 52 White Chalk Pencil, soft and medium

Date: 15.12.2014

Revision Date: 02.01.2023

Revision no. 5

Page 1 of 4

## 1. Identification of substance / preparation and company

1.1 Product Identifier:	White Chalk Pencil 461 51 and 461 52 (Lead) Single lead: 461 51 = dry and soft; 461 52 = dry and medium
1.2 Intended use:	Artist material. White lead use in pencil.
1.3 Details of the supplier of the safety data sheet:	Manufacturer Name: Brevillier-Urban & Sachs GmbH & CoKG Full Address: Am Anger 1 District and Country: 7024 Hirm, Austria Phone: +43(0)2687 54245-0 Fax: +43(0)2687 54245-549
Responsible for safety data sheet:	Brevillier Urban & Sachs GmbH & Co KG
Email:	<a href="mailto:info@brevillier.com">info@brevillier.com</a>
Emergency Telephone no.:	Office: +43(0)2687 54245-0 available Monday – Friday: 07:30 – 16:30

## 2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture EU Regulation 1272/2008	The product is not classified as hazardous in accordance with EU Regulation 1272/2008 and subsequent amendments and supplements.
2.2 Label elements	This preparation does not require any hazard labelling in accordance with regulation 1272/2008.
2.3 Other hazards	Information not relevant.

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

3.2 Mixtures	Solid mixture containing mineral filling agents, binding agents and inorganic pigments. Mixture of substances listed below with non hazardous additions Calcium stearate: CAS 1592-23-0; EINECS 216-472-8 Quartz: CAS 14808-60-7; EINECS 238-878-4 Titanium dioxide: CAS 13463-67-7; EINECS 236-675-5 Talcum: CAS 14807-96-6; EINECS 238-877-9 Kaolin: CAS 1332-58-7; EINECS 310-194-1 Sodium carboxymethylcellulose
Dangerous components	None

## 4. FIRST AID MEASURES

First Aid	
Skin Contact	Not classified as an irritant. Wash with soap & flowing water.
Eye Contact	Irrigate with water. If symptoms persist seek medical attention.
Inhalation	Remove source of dust and provide fresh air or take person to fresh air. At Symptoms such as malaise, coughing or persistent irritation, seek medical advice.

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 51 and 461 52 White Chalk Pencil, soft and medium

Date: 15.12.2014

Revision Date: 02.01.2023

Revision no. 5

Page 2 of 4

Ingestion	Ingestion is not expected due to the physical form.
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## 5. FIRE-FIGHTING MEASURES

Hazard	Explosive Limits: none
5.1 Extinguishing media	Alcohol resistance foam, water spray or fog. Dry chemical powder, carbon dioxide, sand.
Media to avoid	
5.2 Hazardous combustion products	Carbon Monoxide (co) can form with incomplete combustion. Some Oxides of Nitrogen (NOx) and Sulphur (SOx) could be formed. Complete combustion will yield primarily Carbon Dioxide (CO2) and Water.
5.3 Protective Equipment	Fire fighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece
5.4 Additional Information	Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	No special protective measures for persons are required.
6.2 Environmental Precautions	Collect material mechanically. Prevent contamination of soil and water.

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling	No special precautions required. Do not eat, drink and smoke in the work areas; wash hands after use; remove contaminated clothing or protective equipment before enter eating areas; respect safety instructions applied inside the working area. Washable from the skin and most of textiles.
7.1 Conditions for safe storage	Normal storage conditions. Keep away from direct sunlight and other sources of heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters	-
8.2 Exposure control	-
Personal Protection	-
Hand Protection	-
Eye Protection	-
Skin Protection	-
Additional	-
Environmental Exposure	See Section 12 for detailed information

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 51 and 461 52 White Chalk Pencil, soft and medium

Date: 15.12.2014

Revision Date: 02.01.2023

Revision no. 5

Page 3 of 4

## 9. PHYSIKAL AND CHEMICAL PROPERTIES

Odour Ethereal Appearance	solid
Colour	White
Ph Value	Not applicable
Boiling Point /Range	Not applicable
Flash Point	Not applicable
Auto-ignition	-
Explosive Properties	This preparation is not considered explosive
Explosive Limits	Not applicable
Vapour Pressure	none
Relative Density	-
Solubility	Dispersible in water
Viscosity	Not applicable
Water Solubility	Dispersible

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	There is no particular risk of reaction with other substances in normal condition of use.
10.2 Chemical stability	The product is stable in normal condition of use and storage.
10.3 Possibility of hazardous reactions	No hazardous reaction is foreseeable in normal condition of use.
10.4 Conditions to avoid	None
10.5 Incompatible materials	None
10.6 Hazardous Decomposition	May give of irritant / toxic fumes if involved in a fire. Primarily forms oxides of carbon during combustion.

## 11. TOXIOLOGICAL INFORMATION

11.1 Information on toxicological effects	In case of suitable use there are no dangerous properties for human health.
11.2 Acute oral toxicity	The preparation does not contain substances having acute oral toxicity classification.
11.3 Skin irritation	Not classified as irritating to skin according to the data on the components and the classification criteria for mixtures.
11.4 Eye irritation	Because of the solid nature of the preparation avoid contact to eyes.
11.5 Cancerogenic / mutagenic effects	According to our experience and the information available to us, the product does not have any harmful effects on health when handled and used as intended.
11.6 Reproductive toxicity	This formulation is free of substances having potential effects in terms of reproductive toxicity.

## 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	The preparation has no toxically adverse effect on the environment according to
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## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 461 51 and 461 52 White Chalk Pencil, soft and medium

Date: 15.12.2014

Revision Date: 02.01.2023

Revision no. 5

Page 4 of 4

	the classification of the components and the composition of the mixture.
12.2 Bioaccumulative potential	The preparation does not contain substances having adverse effect on the environment in terms of bioaccumulative potential.
Results of the PBT and vPvB assessment	The substances in the preparation does not meet the PBT and vPvB criteria according to Reach, Annex XIII.
Other Adverse effects	No other effects are related to this preparation according to the information on the components.

## 13. DISPOSAL CONSIDERATIONS

Dispose of spilled material and containers in accordance with State and Local regulations for waste. State or Local regulations are complex and subject to change so should be consulted by the owner of the waste prior to disposal.

## 14. TRANSPORT INFORMATION

UN No:	
Proper Shipping Name:	
ADR, IATA, IMDG	Not classified as dangerous in the meaning of transport

## 15. REGULATORY INFORMATION

Hazard Symbol	
-H-phrases	None
-P-Phrases	

## 16. OTHER INFORMATIONS

**Short cuts und Acronyms:**

ATE = appraised value of the acute toxicity

CLP =EU Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

DNEL = Derived No Effect Level

EUH-Satz = CLP-specific warnings

PNEC = predicted no effect concentration

RRN = REACH Registrationnummer

n.a. not available

The product conforms to the requirement of ASTM D-4236 in respect of toxicity.

The information contained herein does not constitute the user's own assessment of workplace risk as required by other health and safety legislation. The above information is provided in good faith and is based on our present knowledge. It shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual arrangement.

~~Brevillier-Urban & Sachs GmbH CoKG~~

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 462 12 Sanguine Pencil Dry

Date: 16.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 1 of 5

## 1. Identification of substance / preparation and company

1.1 Product Identifier:	Sanguine Pencil Dry 462 12 (Lead)
1.2 Intended use:	Artist material. Colored lead use in pencil.
1.3 Details of the supplier of the safety data sheet:	Manufacturer Name: Brevillier-Urban & Sachs GmbH & CoKG Full Address: Am Anger 1 District and Country: 7024 Hirm, Austria Phone: +43(0)2687 54245-0 Fax: +43(0)2687 54245-549
Responsible for safety data sheet:	Brevillier Urban & Sachs GmbH & Co KG
Email:	<a href="mailto:info@brevillier.com">info@brevillier.com</a>
Emergency Telephone no.:	Office: +43(0)2687 54245-0 available Monday – Friday: 07:30 – 16:30

## 2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture EU Regulation 1272/2008	The product is not classified as hazardous in accordance with EU Regulation 1272/2008 and subsequent amendments and supplements.
2.2 Label elements	This preparation does not require any hazard labelling in accordance with regulation 1272/2008.
2.3 Other hazards	Information not relevant.

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

3.2 Mixtures	Solid mixture containing mineral filling agents, binding agents and inorganic pigments. Mixture of substances listed below with non hazardous additions Kaolin: CAS 1332-58-7; EINECS 310-194-1 Talcum: CAS 14807-96-6; EINECS 238-877-9 Calcium stearate: CAS 1592-23-0; EINECS 216-472-8 Quartz: CAS 14808-60-7; EINECS 238-878-4 Pigment red 101: CAS 1309-37-1; EINECS 215-168-2 Pigment yellow 42: CAS 51274-00-1; EINECS 257-098-5 Sodium carboxymethylcellulose
Dangerous components	None

## 4. FIRST AID MEASURES

First Aid	
Skin Contact	Not classified as an irritant. Wash with soap & flowing water.
Eye Contact	Irrigate with water. If symptoms persist seek medical attention.
Inhalation	The preparation, according to the composition, does not contain or release substances deemed to create adverse effect in case of inhalation. Remove source of dust and provide fresh air or take person to fresh air. At Symptoms such as

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 462 12 Sanguine Pencil Dry

Date: 16.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 2 of 5

	malaise, coughing or persistent irritation, seek medical advice.
Ingestion	The preparation does not contain substances classified as dangerous for the health, in concentration exceeding the threshold limits deemed to create adverse effect in case of ingestion. Ingestion is not expected due to the physical form.

## 5. FIRE-FIGHTING MEASURES

Hazard	Explosive Limits: none
5.1 Extinguishing media	Alcohol resistance foam, water spray or fog. Dry chemical powder, carbon dioxide, sand.
Media to avoid	
5.2 Hazardous combustion products	Carbon Monoxide (co) can form with incomplete combustion. Some Oxides of Nitrogen (NOx) and Sulphur (SOx) could be formed. Complete combustion will yield primarily Carbon Dioxide (CO2) and Water.
5.3 Protective Equipment	Fire fighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece
5.4 Additional Information	Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	No special protective measures for persons are required.
6.2 Environmental Precautions	Collect material mechanically. Prevent contamination of soil and water.

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling	No special precautions required. Do not eat, drink and smoke in the work areas; wash hands after use; remove contaminated clothing or protective equipment before enter eating areas; respect safety instructions applied inside the working area. Washable from the skin and most of textiles.
7.1 Conditions for safe storage	Normal storage conditions. Keep away from direct sunlight and other sources of heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters	-
8.2 Exposure control	-
Personal Protection	-
Hand Protection	-
Eye Protection	-



## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 462 12 Sanguine Pencil Dry

Date: 16.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 3 of 5

Skin Protection	-
Additional	-
Environmental Exposure	See Section 12 for detailed information

## 9. PHYSIKAL AND CHEMICAL PROPERTIES

Odour Ethereal Appearance	Coloured solid
Colour	sanguine
Ph Value	Not applicable
Boiling Point /Range	Not applicable
Flash Point	Not applicable
Auto-ignition	-
Explosive Properties	This preparation is not considered explosive
Explosive Limits	Not applicable
Vapour Pressure	none
Relative Density	-
Solubility	Dispersible in water
Viscosity	Not applicable
Water Solubility	dispersible

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	There is no particular risk of reaction with other substances in normal condition of use.
10.2 Chemical stability	The product is stable in normal condition of use and storage.
10.3 Possibility of hazardous reactions	No hazardous reaction is foreseeable in normal condition of use.
10.4 Conditions to avoid	None
10.5 Incompatible materials	None
10.6 Hazardous Decomposition	May give of irritant / toxic fumes if involved in a fire. Primarily forms oxides of carbon during combustion.

## 11. TOXIOLOGICAL INFORMATION

11.1 Information on toxicological effects	In case of suitable use there are no dangerous properties for human health.
11.2 Acute oral toxicity	The preparation does not contain substances having acute oral toxicity classification.
11.3 Skin irritation	Not classified as irritating to skin according to the data on the components and the classification criteria for mixtures.
11.4 Eye irritation	Because of the solid nature of the preparation avoid contact to eyes.
11.5 Cancerogenic / mutagenic effects	According to our experience and the information available to us, the product does not have any harmful effects on health when handled and used as intended.
11.6 Reproductive toxicity	This formulation is free of substances having potential effects in terms of reproductive toxicity.

## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 462 12 Sanguine Pencil Dry

Date: 16.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 4 of 5

## 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	The preparation has no toxically adverse effect on the environment according to the classification of the components and the composition of the mixture.
12.2 Bioaccumulative potential	The preparation does not contain substances having adverse effect on the environment in terms of bioaccumulative potential.
Results of the PBT and vPvB assessment	The substances in the preparation does not meet the PBT and vPvB criteria according to Reach, Annex XIII.
Other Adverse effects	No other effects are related to this preparation according to the information on the components.

## 13. DISPOSAL CONSIDERATIONS

Dispose of spilled material and containers in accordance with State and Local regulations for waste. State or Local regulations are complex and subject to change so should be consulted by the owner of the waste prior to disposal.

## 14. TRANSPORT INFORMATION

UN No:	
Proper Shipping Name:	
ADR, IATA, IMDG	Not classified as dangerous in the meaning of transport

## 15. REGULATORY INFORMATION

Hazard Symbol	
-H-phrases	None
-P-Phrases	

## 16. OTHER INFORMATIONS

**Short cuts und Acronyms:**

ATE = appraised value of the acute toxicity

CLP =EU Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

DNEL = Derived No Effect Level

EUH-Satz = CLP-spezifische warnings

PNEC = predicted no effect concentration

RRN = REACH Registrationnummer

n.a. not available

The product conforms to the requirement of ASTM D-4236 in respect of toxicity.

The information contained herein does not constitute the user's own assessment of workplace risk as required by other health and safety legislation. The above information is provided in good faith and is based on our present

~~Brevillier-Urban & Sachs GmbH CoKG~~

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## Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 462 12 Sanguine Pencil Dry

Date: 16.12.2014

Revision Date: 04.10.2021

Revision no. 4

Page 5 of 5

knowledge. It shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual arrangement.