

Safety Data Sheet in Accordance with 1907/2006/EG

Product Name: 480 xx Hard Pastels

Date: 01.09.2016

Revision Date: 02.03.2022

Revision no. 3

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1. Identification of substance / preparation and company

1.1 Product Identifier:	Pastelcarré, 72 colors 480 xx (Lead) Single colors: 481 01, 481 05, 481 07, 481 08, 481 11, 481 12, 481 14, 481 16, 481 17, 481 26, 481 30, 481 31, 481 33, 481 39, 481 51, 481 53, 481 55, 481 61, 481 63, 481 76, 481 79, 481 82, 481 83, 481 87, 481 89, 481 91, 482 02, 482 03, 482 10, 482 12, 482 13, 482 17, 482 20, 482 32, 482 37, 482 50, 481 02, 481 09, 481 13, 481 15, 481 25, 481 27, 481 35, 481 36, 481 40, 481 57, 481 58, 481 62, 481 64, 481 78, 481 88, 481 90, 482 01, 482 07, 482 09, 482 14, 482 16, 482 18, 482 19, 482 21, 482 25, 482 26, 482 27, 482 28, 482 29, 482 30, 482 31, 482 33, 482 34, 482 35, 482 36, 482 39 Sets: 480 20; 486 12; 487 12; 480 12; 480 24; 480 36; 480 72; 484 08; 484 12; 485 08; 485 12; 486 12; 487 12
1.2 Intended use:	Artist material. Colored crayon.
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:	info@brevillier.com
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	EUH212: Warning! Hazardous respirable dust may be formed when used. Do not breath dust.

3. COMPOSITION/INFORMATION OF INGREDIENTS

3.2 Mixtures	Solid mixture containing mineral filling agents, binding agents, inorganic and organic pigments.
	Mixture of substances listed below with non-hazardous additions Kaolin: CAS 1332-58-7; EINECS 310-194-1 Calcium stearate: CAS 1592-23-0; EINECS 216-472-8 Carbon black: CAS 1333-86-4; EINECS 215-609-9 Soap powder Pigment red 112: CAS 6535-46-2; EINECS 229-440-3 Pigment yellow 1: CAS 2512-29-0; EINECS 219-730-8 Pigment yellow 3: CAS 6486-23-3; EINECS 229-355-1 Pigment red 122: CAS 980-26-7; EINECS 213-561-3 Pigment blue 15: CAS 147-14-8; EINECS 205-685-1

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	Pigment green 7: CAS 1328-53-6; EINECS 215-524-7 Pigment violet 1: CAS 1326-03-0; EINECS 215-413-3 Clay: EINECS 310-127-6 Charcoal: CAS 16291-96-6; EINECS 240-383-3 Calcium carbonate: CAS 1317-65-3; EINECS 215-279-6 Quartz: CAS 14808-60-7; EINECS 238-878-4 Sodium carboxymethylcellulose CAS 9004-32-4; EINECS 618-378-6 Pigment red 101: CAS 1309-37-1; EINECS 215-168-2 Pigment yellow 42: CAS 51274-00-1; EINECS 257-098-5 Pigment black 11: CAS 1317-61-9; EINECS 215-277-5 Pigment blue 15:1: CAS 147-14-8; EINECS 205-685-1 Pigment blue 15:6: CAS 147-14-8; EINECS 205-685-1 Pigment yellow 83: CAS 5567-15-7; EINECS 226-939-8 Pigment red 146: CAS 5280-68-2; EINECS 226-103-2 Pigment blue 15:3: CAS 147-14-8; EINECS 205-685-1 Pigment yellow 154: CAS 68134-22-5; EINECS 268-734-6 Pigment red 179: CAS 5521-31-3; EINECS 226-866-1 Pigment violet 19: CAS 87397-48-6; EINECS 213-879-2 Iron oxide yellow pigment: CAS (components) 1309-37-1, 20344-49-4; EINECS (components) 215-168-2; 243-746-4 Pigment red 254: CAS 84632-65-5; EINECS 401-540-3 Pigment orange 43: CAS 4424-06-0; EINECS 224-597-4 Pigment blue 29: CAS 57455-37-5; EINECS 611-533-9 Pigment violet 15: CAS 12769-96-9; EINECS 235-811-0 Pigment red 170: CAS 2786-76-7; EINECS 220-509-3 Polyethylene glycol: CAS 25322-68-3; EINECS 500-038-2
Dangerous components	Titanium dioxide: CAS 13463-67-7; EINECS 236-675-5 (≥ 0,23 – < 16,0 %) Carc. 2, H351

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.
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.

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	Complete combustion will yield primarily Carbon Dioxide (CO ₂) 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	Do not breath dust.
Environmental Exposure	See Section 12 for detailed information

9. PHYSIKAL AND CHEMICAL PROPERTIES

Odour Ethereal Appearance	solid
Colour	As per color
Ph Value	Not applicable
Boiling Point /Range	Not applicable
Flash Point	Not applicable
Auto-ignition	-
Explosive Properties	This preparation is not considered explosive

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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	The classification criteria are not met by the data. Classification-relevant LD / LC50 values: 13463-67-7 titanium dioxide Oral LD ₅₀ > 5,000 mg / kg (rat) (OECD 425) Carcinogenicity (mouse) (ECHA registration dossier) No effects observed Dermal LD ₅₀ > 5,000 mg / kg (rabbit) Inhalative LC ₅₀ (4h) 5.09 mg / l (rat)
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 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.

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Other Adverse effects	No other effects are related to this preparation according to the information on the components.
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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 knowledge. It shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual arrangement.