

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

00473-0000

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	1 / 8

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

1.1 Product identifier

Trade name series 10 - MUSSINI
finest artists' resin-oil-colours

Name INCI
Name Ph. Eur.
REACH registration No.
UFI

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

General use
Products for creation of art.

Uses advised against

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Strasse 2
D-40699 Erkrath
Tel +49 (0) 211 - 2509 - 0
Fax +49 (0) 211 - 2509 - 479
info@schmincke.de
www.schmincke.de

Schmincke-lab:
mo-th 8.00-16.30, fr 8.00-13.30
tel. +49 (0) 211-2509-474
labor@schmincke.de

1.4 Emergency telephone number

**Emergency
Information**

**Emergencycall Berlin
+49 30-30686700
(24/7 counseling in german and english)**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to EC regulation 1272/2008 (CLP)**

The product is classified and labelled in accordance with EC directives/the relevant national laws.; no classification

2.2 Label elements**Labelling****Signal word****Hazard statements**

no hazard labelling required

Safety precautions**Hazard components for labelling**

Item Numbers: 00473-1004, 00473-1023, 00473-1033, 00473-1035, 00473-1089, 00473-1204, 00473-1243, 00473-1244, 00473-1733, 00473-2023, 00473-2026, 00473-2093, 00473-2094, 00473-2123, 00473-2131, 00473-2134, 00473-2213, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2266, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3153, 00473-3203, 00473-3283, 00473-3284, 00473-3333, 00473-3373, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	2 / 8

2.3 Other hazards**SECTION 3: Composition / information on ingredients****3.1 Substances****Chemical characterisation**

oil
 pigment
 Dammar resin
 siccativ
 essential oils
 CAS-Number
 EINECS / ELINCS / NLP
 EU index number
 Customs tariff number
 REACH registration No.
 RTECS-no.
 Hazchem-Code
 CI-Number

3.2 Mixtures**Substance 1**

solvent naphtha (petroleum), light, aromatic: 1 - <10 %
 CAS: 64742-95-6
 REACH: 01-2119455851-35
 Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / -; EUH066
 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3;
 H336

Additional information

The colours 10227, 228, 229, 230, 341, 356, 357, 511 contain cadmium-containing pigments. The use of cadmium containing pigments is limited to artist colors.
 The colours 10102, 103, 105, 206, 207, 224, 479, 485, 486, 487, 495, 529, 784, 785, 787, 788, 790, 792 contain zinc oxide. (see separate safety data sheet)
 The colour 10343 contains quinacridone quinone. (See separate safety data sheet)
 The colour 10481 contains cobalt zinc silicate blue phenacite . (See separate safety data sheet)
 further information: see appendix

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

No special measures are required.

In case of inhalation

Move victim to fresh air. Seek medical attention if problems persist.

In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5-10 minutes. Seek medical attention if irritation persists.

After swallowing

00473-1004, 00473-1023, 00473-1033, 00473-1035, 00473-1089, 00473-1204, 00473-1243, 00473-1244, 00473-1733, 00473-2023, 00473-2026, 00473-2093, 00473-2094, 00473-2123, 00473-2131, 00473-2134, 00473-2213, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3283, 00473-3284, 00473-3333, 00473-3373, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	3 / 8

Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed**4.3 Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons**5.2 Special hazards arising from the substance or mixture**

In case of fire may be liberated: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters**Special protective equipment for firefighters****Additional information****SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up**Methods for cleaning up**

Collect dry and place in appropriate containers for disposal. Subsequent cleaning.

Additional information**6.4 Reference to other sections**

Dispose of waste according to applicable legislation. refer to section 13

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

Handle in accordance with good industrial hygiene and safety practice.

Precautions against fire and explosion**7.2 Conditions for safe storage, including any incompatibilities****Requirements for storerooms and containers**

Keep container tightly closed.

Hints on joint storage**Storage class****Further details**

storage temperature: 5 - 40 °C

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Item Numbers: 00473-1004, 00473-1023, 00473-1033, 00473-1035, 00473-1089, 00473-1204, 00473-1243, 00473-1244, 00473-1249, 00473-1733, 00473-2023, 00473-2026, 00473-2093, 00473-2094, 00473-2123, 00473-2131, 00473-2134, 00473-2213, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3153, 00473-3263, 00473-3283, 00473-3284, 00473-3393, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	4 / 8

DEU	WEL	50,000	mg/m ³	2(II); AGS
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DNEL overview

64742-95-6 solvent naphtha (petroleum), light, aromatic

DNEL worker	Long-term - inhalation, system	150,00000	mg/m ³
DNEL worker	Long-term - dermal, local effe	25,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic eff	11,00000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, system	32,00000	mg/m ³
DNEL Consumer	Long-term - dermal, systemic e	11,00000	mg/kg bw/day

8.2 Exposure controls**Occupational exposure controls****Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection must be worn whenever the WEL levels have been exceeded. Combination filtering device (EN 14387)

Use filter type A (= against vapours of organic substances)

Hand protection

Protect skin by using skin protective cream.

Eye protection

Avoid contact with eyes.

Body protection

Wash contaminated clothing prior to re-use.

General protection and hygiene measures

No special handling advices are necessary. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties**9.1 information on basic physical and chemical properties**

Form	pasty
Colour	pigmented
Odour	weak

	min	max	
Initial boiling point and boiling range			
Melting point/freezing point			
Flash point/flash point range			
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH			
Viscosity			
Viscosity			
Vapour pressure			
Density		1,6 - 3,1	20 °C
Partition coefficient: n-octanol/water		g/ml	

Danger of explosion**9.2 Other information****SECTION 10: Stability and reactivity**

Item Numbers: 00473-1004, 00473-1023, 00473-1033, 00473-1035, 00473-1036, 00473-1037, 00473-1038, 00473-1039, 00473-1040, 00473-1041, 00473-1042, 00473-1043, 00473-1044, 00473-1045, 00473-1046, 00473-1047, 00473-1048, 00473-1049, 00473-1050, 00473-1051, 00473-1052, 00473-1053, 00473-1054, 00473-1055, 00473-1056, 00473-1057, 00473-1058, 00473-1059, 00473-1060, 00473-1061, 00473-1062, 00473-1063, 00473-1064, 00473-1065, 00473-1066, 00473-1067, 00473-1068, 00473-1069, 00473-1070, 00473-1071, 00473-1072, 00473-1073, 00473-1074, 00473-1075, 00473-1076, 00473-1077, 00473-1078, 00473-1079, 00473-1080, 00473-1081, 00473-1082, 00473-1083, 00473-1084, 00473-1085, 00473-1086, 00473-1087, 00473-1088, 00473-1089, 00473-1090, 00473-1091, 00473-1092, 00473-1093, 00473-1094, 00473-1095, 00473-1096, 00473-1097, 00473-1098, 00473-1099, 00473-1100, 00473-1101, 00473-1102, 00473-1103, 00473-1104, 00473-1105, 00473-1106, 00473-1107, 00473-1108, 00473-1109, 00473-1110, 00473-1111, 00473-1112, 00473-1113, 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00473-1861, 00473-1

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	5 / 8

10.2 Chemical stability**10.3 Possibility of hazardous reactions****10.4 Conditions to avoid**

frost and heat

10.5 Incompatible materials**10.6 Hazardous decomposition products****SECTION 11: Toxicological information****11.1 Information on toxicological effects****Toxicological tests**

64742-95-6 solvent naphtha (petroleum), light, aromatic

oral	LD50	Rat	>	2000,00000	mg/kg	-
inhalative	LC50	Rat	>	10,20000	mg/L	(4h)
dermal	LD50	Rat	>	2000,00000	mg/kg	-

Acute toxicity**In case of inhalation**

No data available

After swallowing

No data available

In case of skin contact

No data available

After eye contact

No data available

Practical experience**General remarks****SECTION 12: Ecological information****12.1 Toxicity****Ecotoxicological effects**

64742-95-6 solvent naphtha (petroleum), light, aromatic

LC50	fish			9,20000	mg/L	(96h)
EC50	Algae	>		2,60000	mg/L	(72h)
EC50	Daphnia magna (Big water flea)			3,20000	mg/L	(48h)

Aquatic toxicity**Water Hazard Class**

1

WGK catalog number**General information****12.2 Persistence and degradability****Further details**

Product is partially biodegradable.

Oxygen demand**12.3 Bioaccumulative potential****Bioconcentration factor (BCF)****Partition coefficient: n-octanol/water****12.4 Mobility in soil**

No data available

12.5 Results of PBT and VPvB assessment

00473-1204, 00473-1243, 00473-1244, 00473-1733, 00473-2023, 00473-2026, 00473-2093, 00473-2094, 00473-2123, 00473-2131, 00473-2134, 00473-2213, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3153, 00473-3203, 00473-3283, 00473-3284, 00473-3333, 00473-3373, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	6 / 8

No data available

12.6 Other adverse effects**General information****SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product****Waste key number**

08 01 12

waste paint and varnish other than those mentioned in 08 01 11

Recommendation**Contaminated packaging****Waste key number****Recommendation**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information**SECTION 14: Transport information****14.1 UN number****14.2 UN proper shipping name****ADR, ADN**

No dangerous good in sense of these transport regulations.

IMDG, IATA**14.3 Transport hazard class(es)****ADR, ADN****IMDG****IATA****14.4 Packing group****14.5 Environmental hazards****Marine Pollutant - IMDG****Marine Pollutant - ADN****14.6 Special precautions for user****Land transport (ADR/RID)****Code: ADR/RID****Kemmler-number****Hazard label ADR****Limited quantities****Contaminated packaging: Instructions****Contaminated packaging: Special provisions****Special provisions for packing together****Portable tanks: Instructions****Portable tanks: Special provisions****Tank coding****Tunnel restriction****Remarks****EQ****Special provisions****Sea transport (IMDG)**

Item Numbers: 00473-1004, 00473-1023, 00473-1033, 00473-1035, 00473-1089, 00473-1204, 00473-1243, 00473-1244, 00473-1733, 00473-2023, 00473-2026, 00473-2093, 00473-2094, 00473-2123, 00473-2131, 00473-2133, 00473-2213, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3153, 00473-3203, 00473-3283, 00473-3284, 00473-3333, 00473-3373, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	7 / 8

Special provisions
Limited quantities
Contaminated packaging: Instructions
Contaminated packaging: Special provisions
IBC: Instructions
IBC: Provisions
Tank instructions IMO
Tank instructions UN
Tank instructions Special provisions
Stowage and segregation
Properties and observations
Remarks
EQ

Air transport (IATA-DGR)

Hazard
Passenger
Passenger LQ
Cargo
ERG
Remarks
EQ
Special Provisioning

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

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

Contents of VOC [%]
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class 1
WGK catalog number
Incident regulation
Information on working limitations
Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Item Numbers: 00473-1004, 00473-1023, 00473-1033, 00473-1035, 00473-1089, 00473-1204, 00473-1243, 00473-1244, 00473-1733, 00473-2023, 00473-2026, 00473-2093, 00473-2094, 00473-2123, 00473-2131, 00473-2134, 00473-2215, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3153, 00473-3203, 00473-3283, 00473-3284, 00473-3333, 00473-3373, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

series 10 - MUSSINI

Article No.	series 10 - MUSSINI	Issue date:	07.12.20
Version	5 (07.12.20)	Page	8 / 8

max. 10 %

Further regulations, limitations and legal requirements**USA****Further regulations, limitations and legal requirements****Federal Regulations****State Regulations****Canada****Further regulations, limitations and legal requirements****15.2 Chemical Safety Assessment****SECTION 16: Other information****Further information**

Hazard statements (CLP)	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
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Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Reason of change**Additional information**

~~The information in this data sheet has been established to our best knowledge and was up to date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.~~

00473-2123, 00473-2131, 00473-2154, 00473-2213, 00473-2214, 00473-2253, 00473-2254, 00473-2263, 00473-2264, 00473-2323, 00473-2503, 00473-2504, 00473-2564, 00473-2613, 00473-3003, 00473-3004, 00473-3073, 00473-3093, 00473-3103, 00473-3153, 00473-3203, 00473-3283, 00473-3284, 00473-3333, 00473-3373, 00473-3374, 00473-3703, 00473-3723, 00473-3743, 00473-3744, 00473-3763, 00473-3783, 00473-3793, 00473-4003, 00473-4043, 00473-4053, 00473-4093, 00473-4123, 00473-4163, 00473-4164, 00473-4193, 00473-4203, 00473-4323, 00473-4513, 00473-4514, 00473-4523, 00473-4533, 00473-4553, 00473-4653, 00473-4753, 00473-4783, 00473-4793, 00473-4833, 00473-4923, 00473-4924, 00473-4933, 00473-4934, 00473-4963, 00473-4983, 00473-5003, 00473-5033, 00473-5053, 00473-5054, 00473-5113, 00473-5153, 00473-5163, 00473-5183, 00473-5203, 00473-5204, 00473-5213, 00473-5223, 00473-5224, 00473-5253, 00473-5254, 00473-5263, 00473-5303, 00473-5304, 00473-5373, 00473-5383, 00473-5823, 00473-5893, 00473-5923, 00473-5993, 00473-5994, 00473-6003, 00473-6503, 00473-6623, 00473-7003, 00473-7023, 00473-7093, 00473-7094, 00473-7103, 00473-7113, 00473-7123, 00473-7163, 00473-7193, 00473-7803, 00473-7903, 00473-7913, 00473-7923, 00473-7943, 00473-7973, 00473-7993, 00473-7994, 00473-8003, 00473-8043, 00473-8044, 00473-8053, 00473-8054, 00473-8063, 00473-8064, 00473-8073, 00473-8223, 00473-8243, 00473-8313, 00473-8314, 00473-8323, 00473-8353, 00473-8403, 00473-8404, 00473-8433, 00473-8483, 00473-8913, 00473-8914, 00473-8923, 00473-8953, 00473-8954, 00473-8963, 00473-8973, 00473-6525

Appendix for material safety data sheet no.: 10 000 000
MUSSINI® - Finest artists' resin-oil-colours

art.nr.	art. name	C.I.		CAS-nr.
10208	yellowish green Ural	PY53; PG19	Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	8007-18-9; 8011-87-8
X 10209	brilliant yellow	PY155	Disazo	68516-73-4
X 10210	brilliant transparent yellow	PY128	Spinel (Zn, Fe)	68186-90-3
10216	lemon yellow	PY3	Monoazo	6486-23-3
10220	vanadium yellow light	PY184	Bismuth varacate	14059-33-7
10221	vanadium yellow deep	PY184	Bismuth varacate	14059-33-7
10223	Indian yellow	PY128; PY110	Spinel (Zn, Fe); Isoindolinone	68186-90-3; 5590-18-1
10227	cadmium yellow 1 light	PY35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
10228	cadmium yellow 2 medium	PY35	Cadmium-zinc-sulphide	8048-07-5; 7727-43-7
10229	cadmium yellow 3 deep	PO20	Cadmium sulfo-selenide	12656-57-4
10230	cadmium orange	PO20	Cadmium sulfo-selenide	12656-57-4
10231	Naples yellow light	PR24; PY53	Rutile (Ti, Cr, Sb); Rutile (Ti, Ni, Sb)	68186-90-3; 8007-18-9
10232	Naples yellow deep	PR42	Disazocondensation	68516-75-6
10236	transparent yellow oxide	PY42	Hydrated iron oxide	20344-49-4
10237	transparent orange oxide	PR101; PY42	Iron oxide; Hydrated iron oxide	1309-37-1; 20344-49-4
10238	transparent yellow	PY150	Azo-nickel-complex	68511-62-6
10239	transparent orange	PO71	Diketo-pyrrolo-pyrrol	71832-85-4
10243	chrome orange hue	PO67	Pyrazolochinazolon	74336-59-7
10340	brilliant scarlet	PR242	Disazocondensation	118440-67-8
10341	cadmium red medium	PR108/PW21	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
10344	madder lake brilliant	PR207	Quinacridone	-
10346	madder lake dark	PR264; PV42	Diketo-pyrrolo-pyrrol; Quinacridone	-; -
10347	alizarin madder lake	PR83-1	Anthraquinone, Al	72-78-0
10353	Florentine red	PR179	Perylene	5521-31-3
10356	cadmium red light	PR108/PW21	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
10357	cadmium red deep	PR108/PW21	Cadmium sulfo-selenide	58339-34-7; 7727-43-7
10358	carmine	PR179; PV19	Perylene; Quinacridone	5521-31-3; 1047-16-1
10363	transparent magenta	PR122	Quinacridone	980-26-7
X 10364	vermillion red hue	PR255	Diketo-pyrrolo-pyrrol	120500-90-5
10365	transparent red oxide	PR101	Iron oxide	1309-37-1
10366	Caesar purple	PV19	Quinacridone	1047-16-1
X 10472	manganese violet	PV16	Manganese-ammonium pyrophosphate	10101-66-3
10473	transparent violet	PV23	Dioxazine	6358-30-1
10475	cobalt cerulean blue	PB35	Spinel (Co, Sn)	68187-05-3
10477	transparent cyan	PB15-3	Phthalocyanine (Cu)	147-14-8
10478	indigo	PB66	Indigo, synthetic	482-89-3
10480	cobalt blue light	PB28	Spinel (Co, Al)	1345-16-0
X 10490	Prussian blue	PB27	Iron-cyan-complex	14038-43-8; 25869-98-1

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Appendix for material safety data sheet no.: 10 000 000
MUSSINI® - Finest artists' resin-oil-colours

art.nr.	art. name	C.I.		CAS-nr.
10491	ultramarine blue light	PB29	Sodium aluminum silicate	57455-37-5
10492	ultramarine blue deep	PB29	Sodium aluminum silicate	57455-37-5
10493	Delft blue	PB60	Indanthrone	81-77-6
X 10494	indigo blue	PV19; PB60; PBK10	Quinacridone; Indanthrone; Crystallized carbon	1047-16-1; 81-77-6; 7782-42-5
10496	transparent Oriental blue	PB15;6; PB15:2	Phthalocyanine (Cu); Phthalocyanine (Cu)	147-14-8; 147-14-8
10497	transparent turquoise	PB16	Phthalocyanine	574-93-6
10498	cobalt turquoise	PG50	Spinel (Co, Ni, Zn, Ti)	68186-85-6
X 10510	chrome green light	PY155; PG17; PY42	Disazo; Hematite (Cr); Hydrated iron oxide	68516-73-4; 1308-38-9; 20344-49-4
X 10511	cadmium green	PO20; PY35; PW21; PB15:3	Cadmium sulfo-selenide; Cadmium-zinc-sulphide; Barium sulfate; Phthalocyanine (Cu)	12656-57-4; 8048-07-5; 7727-43-7; -; 147-14-8
10512	chromium oxide green brilliant	PG18	Hydrated chromium oxide	12001-99-9
10513	chromium oxide green deep	PG17	Hematite (Cr)	1308-38-9
10518	hello green deep	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
10521	hello green light	PG36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
10526	sap green	PB60; PY150	Indanthrone; Azo-nickel-complex	81-77-6; 68511-62-6
10528	cobalt green opaque	PY184; PG50	Bismuth varadate; Spinel (Co, Ni, Zn, Ti)	14059-33-7; 68186-85-6
10530	yellowish green	PY74; PG7; PY42	Monazo; Phthalocyanine (Cu, Cl); Hydrated iron oxide	6358-31-2; 1328-53-6; 20344-49-4
10534	transparent golden green	PY129; PG7	Copper-complex; Phthalocyanine (Cu, Cl)	68859-61-0; 1328-53-6
10535	Oriental green	PG19	Spinel (Co, Zn)	8011-87-8
10536	Turmaline green	PG26	Spinel (Co, Cr)	68187-49-5
10640	Verona green earth	PG18; PR101	Hydrated chromium oxide; Iron oxide	12001-99-9; 1309-37-1
10644	yellow Sienna	PY42; PR101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
X 10645	asphaltum brown transparent	PR101; PV19; PBK7	Iron oxide; Quinacridone; Lamp black	1309-37-1; 1047-16-1; 1333-86-4
10646	natural Bohemian green earth	PB7	Earth pigment	-
10647	Pompeian red	PR101	Iron oxide	1309-37-1
10648	caput mortuum	PR101	Iron oxide	1309-37-1
10651	English red	PR101	Iron oxide	1309-37-1
10653	deep ochre	PY42/PY43	Iron oxide mix	72669-22-8
10656	Altic light ochre	PY42	Hydrated iron oxide	20344-49-4
10660	raw Sienna	PB7/PY43; PR101; PY42	Earth pigment; Iron oxide; Hydrated iron oxide	-; 1309-37-1; 20344-49-4
10661	natural burnt Sienna	PB7	Earth pigment	-
10662	brown pink	PY153; PR101; PY42; PG7	Nickel-complex; Iron oxide; Hydrated iron oxide; Phthalocyanine (Cu, Cl)	68859-51-8; 1309-37-1; 20344-49-4; 1328-53-6
10663	Pozzuoli earth	PR101; PB41	Iron oxide; Disazococondensation	1309-37-1; 68516-75-6
10664	natural raw umber	PB7; PG7; PY42	Earth pigment; Phthalocyanine (Cu, Cl); Hydrated iron oxide	-; 1328-53-6; 20344-49-4
10666	natural burnt umber	PB7	Earth pigment	-
10667	Vandyke brown	PR179; PR101; PBK7	Perylene; Iron oxide; Lamp black	5521-31-3; 1309-37-1; 1333-86-4
10669	transparent brown oxide	PR101	Iron oxide	1309-37-1
10670	raw umber light	PB7	Earth pigment	-

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art.nr.	art.name	C.I.		CAS-nr.
10779	atrament black	PBK31	Perylene	67075-37-0
10780	ivory black	PBK9	Am. carbonized bones of animals	8021-99-6
10781	lamp black	PBK7	Lamp black	1333-86-4
10782	Schmincke Payne's grey	PB29; PR101; PBk7	Sodium aluminum silicate; Iron oxide; Lamp black	57455-37-5; 1309-37-1; 1333-86-4
10783	mineral black	PBK28	Spinel (Cu, Cr, Fe, Mn)	68186-91-4
10860	white gold	Bronzepigment	Bronze pigment	-
10861	Renaissance gold	Bronzepigment	Bronze pigment	-
10862	antique gold	Bronzepigment	Bronze pigment	-
10863	yellow gold	Bronzepigment	Bronze pigment	-
10864	gold bronze	Bronzepigment	Bronze pigment	-
10865	rose gold	Bronzepigment	Bronze pigment	-
10866	copper	Kupferpigment	Copper pigment	-

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