

Material Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision :06/07/2022

1: Identification of the substance/Preparation and company

1.1 PRODUCT IDENTIFICATION

PRODUCT NAME: *Gouache -24colors*

COLOR : *Titanium White, Lemon Yellow, Cadmium Yellow, Mid Yellow, Orange Yellow, Yellow Ochre, Vermilion, Scarlet, Crimson, Magenta, Light Green, Pale Green, Viridian, Sap Green, Deep Green, Cerulean Green, Primary blue, Deep Cyan Blue, Phthalocyanine Blue, Purple, Burnt Sienna, Burnt Umber, Raw Umber, Lamp Black*

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Paint by artist, amateur and students

1.3 COMPANY DETAILS:

NAME: *Tianchang Jiafeng Painting Material Co., Ltd*

ADDRESS: *Shizhuang Village, Zhengji Town, Tianchang City, Anhui Province, China*

TEL: *+86-550-7964322*

FAX: *+86-550-7964422*

CONTACT PERSON: *Chen Feng*

EMAIL ADDRESS: *Chen-feng@jabp.com*

1.4 EMERGENCY TELEPHONE

TEL: *+86-550-7964322*

2. Hazard identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

The product is not classified according to CLP Regulation.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008: Not applicable

- **Hazard pictograms:** Not applicable
- **Signal word:** Not applicable
- **Hazard-determining components of labelling:** Not applicable
- **Hazard statements:** Not applicable
- **Precautionary statement:** Not applicable
- **Supplemental label elements:** Not applicable

2.3 Other hazards

None ingredients meets the criteria for PBT/vPvB in accordance with Annex XIII.

None ingredients identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

3. Composition/information on ingredients

3.1 Substances *Information not relevant.*

3.2 Mixtures.

*Ingredient Name	*CAS Number	*Proportion	According to Regulation (EC) No 1272/2008	
1. Titanium White				
Water	7732-18-5	42.6988%	Not Classified	
Gum arabic	9000-01-5	20.0000%	Not Classified	
Glycerine	56-81-5	2.5000%	Not Classified	
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4	H302

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			Eye Irrit. 2	H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B	H314
			Skin Sens. 1	H317
			Aquatic Acute 1	H400
			AquaticChronic 1	H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3	H301
			Skin Corr. 1B	H314
			Eye Dam. 1	H318
			STOT RE 2	H373
			Aquatic Acute 1	H400
			AquaticChronic 1	H410
Calcium carbonate	471-34-1	10.0000%	Not Classified	
Silicon dioxide	7631-86-9	6.2000%	Not Classified	
Titanium dioxide (P.W.6)	13463-67-7	18.5000%	Not Classified	
2.Lemon Yellow				
Water	7732-18-5	44.9988%	Not Classified	
Gum arabic	9000-01-5	20.0000%	Not Classified	
Glycerine	56-81-5	2.5000%	Not Classified	
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4	H302
			Eye Irrit. 2	H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B	H314
			Skin Sens. 1	H317
			Aquatic Acute 1	H400
			AquaticChronic 1	H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3	H301
			Skin Corr. 1B	H314
			Eye Dam. 1	H318
			STOT RE 2	H373
			Aquatic Acute 1	H400
			AquaticChronic 1	H410
Calcium carbonate	471-34-1	22.2000%	Not Classified	
Silicon dioxide	7631-86-9	6.2000%	Not Classified	
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide (P.Y.74)	6358-31-2	4.0000%	Not Classified	
3.Cadmium Yellow				
Water	7732-18-5	46.5988%	Not Classified	
Gum arabic	9000-01-5	20.0000%	Not Classified	
Glycerine	56-81-5	2.5000%	Not Classified	
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4	H302
			Eye Irrit. 2	H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B	H314
			Skin Sens. 1	H317
			Aquatic Acute 1	H400
			AquaticChronic 1	H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3	H301
			Skin Corr. 1B	H314
			Eye Dam. 1	H318
			STOT RE 2	H373

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			Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	8.3000%	Not Classified
2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y.1)	2512-29-0	0.5000%	Not Classified
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide (P.Y.74)	6358-31-2	4.0000%	Not Classified
4.Mid Yellow			
Water	7732-18-5	50.5988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	4.8000%	Not Classified
2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y.1)	2512-29-0	4.0000%	Not Classified
5.Orange Yellow			
Water	7732-18-5	49.8688%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.8000%	Not Classified

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Silicon dioxide	7631-86-9	6.3300%	Not Classified
4,4'-[(3,3'-dichloro{1,1'-biphenyl}-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one] Permanent Orange (P.O.13)	3520-72-7	2.4000%	Not Classified
6.Yellow Ochre			
Water	7732-18-5	39.3988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	3.0000%	Not Classified
Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	17.0000%	Not Classified
7.Vermillion			
Water	7732-18-5	41.8988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	25.0000%	Not Classified
Silicon dioxide	7631-86-9	5.0000%	Not Classified
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide (P.Y.74)	6358-31-2	4.0000%	Not Classified

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4-[(2,5-dichlorophenyl)azo]-3-hydroxy-N-phenylnaphthalene-2-carboxamide(P.R.2)	6041-94-7	1.5000%	Not Classified
8.Scarlet			
Water	7732-18-5	45.4988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	26.0000%	Not Classified
Silicon dioxide	7631-86-9	4.5000%	Not Classified
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis(4-chlorophenyl)-2,5-dihydro- (P.R.254)	84632-65-5	1.0000%	Not Classified
5,12-dihydroquino[2,3-b]acridine-7,14-dione.C20H12N2O2(P.V.19)	1047-16-1	0.4000%	Not Classified
9.Crimson			
Water	7732-18-5	45.1988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	22.8000%	Not Classified
Silicon dioxide	7631-86-9	4.4000%	Not Classified
Calcium 3-hydroxy-4-[(4-methyl-2-sulphonatophenyl)azo]-2-naphthoate(P.R 57:1)	5281-04-9	5.0000%	Not Classified
10.Magenta			

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Water	7732-18-5	50.8988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	7.5000%	Not Classified
5,12-dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione(P.R.122)	980-26-7	0.3700%	Not Classified
5,12-dihydroquino[2,3-b]acridine-7,14-dione.C20H12N2O2(P.V.19)	1047-16-1	0.6300%	Not Classified
11.Light Green			
Water	7732-18-5	43.8988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	23.0000%	Not Classified
Silicon dioxide	7631-86-9	6.3000%	Not Classified
Polychloro copper phthalocyanine(P.G.7)	1328-53-6	0.2000%	Not Classified
2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y.1)	2512-29-0	1.0000%	Not Classified
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide (P.Y.74)	6358-31-2	3.0000%	Not Classified

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12.Pale Green			
Water	7732-18-5	43.8988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	23.0000%	Not Classified
Silicon dioxide	7631-86-9	6.3000%	Not Classified
Polychloro copper phthalocyanine(P.G.7)	1328-53-6	2.1000%	Not Classified
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide (P.Y.74)	6358-31-2	3.4000%	Not Classified
Titanium dioxide (P.W.6)	13463-67-7	1.2000%	Not Classified
13.Viridian			
Water	7732-18-5	41.3988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	24.0000%	Not Classified
Silicon dioxide	7631-86-9	7.2000%	Not Classified
Polychloro copper phthalocyanine(P.G.7)	1328-53-6	2.9000%	Not Classified
Titanium dioxide (P.W.6)	13463-67-7	1.9000%	Not Classified
14.Sap Green			
Water	7732-18-5	48.1488%	Not Classified

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Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	22.0000%	Not Classified
Silicon dioxide	7631-86-9	5.0000%	Not Classified
Polychloro copper phthalocyanine(P.G.7)	1328-53-6	0.7000%	Not Classified
2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y.1)	2512-29-0	0.4000%	Not Classified
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide (P.Y.74)	6358-31-2	1.4500%	Not Classified
15.Deep Green			
Water	7732-18-5	48.2788%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	22.0000%	Not Classified
Silicon dioxide	7631-86-9	5.0000%	Not Classified
Polychloro copper phthalocyanine(P.G.7)	1328-53-6	1.8000%	Not Classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper Phthalo Blue BGS(P.B.15)	147-14-8	0.2000%	Not Classified
2-[(4-Methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutanamide(P.Y.1)	2512-29-0	0.1200%	Not Classified

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16.Cerulean Green			
Water	7732-18-5	42.1788%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	22.0000%	Not Classified
Silicon dioxide	7631-86-9	6.0000%	Not Classified
Titanium dioxide (P.W.6)	13463-67-7	3.3000%	Not Classified
Polychloro copper phthalocyanine(P.G.7)	1328-53-6	0.8000%	Not Classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper Phthalo Blue BGS(P.B.15)	147-14-8	3.1200%	Not Classified
17.Primary blue			
Water	7732-18-5	46.4988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	6.0000%	Not Classified
Titanium dioxide (P.W.6)	13463-67-7	3.9000%	Not Classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper Phthalo Blue BGS(P.B.15)	147-14-8	3.0000%	Not Classified
18.Deep Cyan Blue			
Water	7732-18-5	41.8988%	Not Classified

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Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	22.0000%	Not Classified
Silicon dioxide	7631-86-9	8.0000%	Not Classified
Titanium dioxide (P.W.6)	13463-67-7	1.2000%	Not Classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper Phthalo Blue BGS(P.B.15)	147-14-8	4.3000%	Not Classified
19.Phthalocyanine Blue			
Water	7732-18-5	47.2688%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.5000%	Not Classified
Silicon dioxide	7631-86-9	8.1300%	Not Classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper Phthalo Blue BGS(P.B.15)	147-14-8	3.5000%	Not Classified
20.Purple			
Water	7732-18-5	52.5188%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317

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			Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	16.0000%	Not Classified
Silicon dioxide	7631-86-9	8.0000%	Not Classified
Titanium dioxide (P.W.6)	13463-67-7	2.4000%	Not Classified
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper Phthalo Blue BGS(P.B.15)	147-14-8	0.0800%	Not Classified
8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine(P.V.23)	6358-30-1	0.8000%	Not Classified
21.Burnt Sienna			
Water	7732-18-5	48.6488%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	15.8500%	Not Classified
Silicon dioxide	7631-86-9	6.1000%	Not Classified
Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	1.8000%	Not Classified
Iron hydroxide oxide red (P.R.101)	1309-37-1	4.5000%	Not Classified
Iron hydroxide oxide black (P.BK.11)	1317-61-9	0.5000%	Not Classified
22.Burnt Umber			
Water	7732-18-5	41.2488%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317

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			Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	6.2500%	Not Classified
Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	4.2000%	Not Classified
Iron hydroxide oxide red (P.R.101)	1309-37-1	1.3000%	Not Classified
Iron hydroxide oxide black (P.BK.11)	1317-61-9	6.4000%	Not Classified
23.Raw Umber			
Water	7732-18-5	42.4288%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	6.0000%	Not Classified
Iron hydroxide oxide yellow (P.Y.42)	51274-00-1	1.6700%	Not Classified
Iron hydroxide oxide red (P.R.101)	1309-37-1	1.4000%	Not Classified
Iron hydroxide oxide black (P.BK.11)	1317-61-9	7.9000%	Not Classified
24. Lamp Black			
Water	7732-18-5	46.1988%	Not Classified
Gum arabic	9000-01-5	20.0000%	Not Classified
Glycerine	56-81-5	2.5000%	Not Classified
2-phenoxyethanol	122-99-6	0.1000%	Acute Tox. 4 H302 Eye Irrit. 2 H319
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	0.0006%	Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 AquaticChronic 1 H410

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N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	0.0006%	Acute Tox. 3 H301 Skin Corr. 1B H314 Eye Dam. 1 H318 STOT RE 2 H373 Aquatic Acute 1 H400 AquaticChronic 1 H410
Calcium carbonate	471-34-1	18.0000%	Not Classified
Silicon dioxide	7631-86-9	8.2000%	Not Classified
Carbon Black (P.BK. 7)	1333-86-4	5.0000%	Not Classified

Titanium dioxide with an aerodynamic diameter of $\leq 10 \mu\text{m}$ is less than 1%. **Labeling is not applicable.**

4. First aid measures

4.1 Description of first aid measures

After skin Contact: If skin or hair contact occurs, Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

After eye Contact: If this Product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

After ingestion: Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

After inhalation: If fumes, aerosols or combustion products are inhaled, remove from contaminated area. Other measures are usually unnecessary.

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:

Information not available.

5. Fire fighting Measures

5.1 Suitable Extinguishing Media

There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

5.2 Combustion products and resulting gases

Carbon monoxide (CO) carbon dioxide (CO₂) other pyrolysis products typical of burning organic material.

5.3 Special Protective Equipment

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

6. Accidental release Measures

6.1 Personal Protection

Clean up waste regularly and abnormal spills. Avoid breathing dust and contact with skin and eyes. Wear protective clothing, gloves, safety glasses and dust respirator. Use dry clean up procedures and avoid generating dust.

6.2 Environmental Protection

Not applicable

6.3 Methods for cleaning up

Not applicable

6.4 Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

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7. Handling and storage

- 7.1 Handling Precautions** Store in cool, dry place in tightly closed receptacles. Keep ignition source away – Do not smoke.
- 7.2 Storage Precautions** Store in a cool location. Store away from flammable substances.
- 7.3 Specific end use(s)** Information not available.

8. Exposure controls/personal protection

- 8.1 Respiration Protection** Not required.

- 8.2 Hand Protection** The glove material has to be impermeable and resistant to the products/the substance/the preparation. Due to missing test no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rate of diffusion and the degradation

- 8.3 Eye Protection** Not required

- 8.4 Skin Protection** Generally the product does not irritate the skin. If skin or hair contact occurs, Flush skin and hair with running water (and soap if available)

9. Physical and chemical properties

Appearance	Paste	Auto flammability	Product is not self igniting.
Color	24 colors	Explosive properties	Product does not present explosion hazard
Odour	No	Oxidizing properties	Not available
PH	6-7	Vapor pressure	Not available
Boiling point/boiling range	Not available	Relative density	1.25-1.50g/cm ³
Melting point/melting range	Not available	Solubility in water	Yes
Flash point	Not available	Partition coefficient	Not available

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Flammability

No

Others

No

10. Stability and reactivity

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available.

10.6. Hazardous decomposition products

No

11. Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **Summary of evaluation of the CMR properties:** Not classified as CMR product.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties:

None ingredient is considered to have endocrine-disrupting properties with respect to humans as it meets the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2 Other information:

No known other relevant information on adverse health effects.

12. Ecological information

12.1. Toxicity

Ecology - general: : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term(acute) : Not classified

Hazardous to the aquatic environment, long-term(chronic) : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB. according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

· General notes: WGK1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

13. Disposal considerations

13.1 Methods of disposal Do not allow wash water from cleaning or process equipment to enter drains.

13.2 Dangers in disposal No

14. Transport information

Transportation Status: Important! Statements below provide additional data on listed Dot classification. The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US Department of Transportation

Shipping Name: IMDG NOT REGULATED

14.1 UN number No

14.2 UN proper shipping name No

14.3 Transport hazard class(es) No

14.4 Packing group Unregulated

14.5 Environmental hazards No

14.6 Special precautions for user No

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Unregulated

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation sp

EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.2 Chemical safety assessment: A Chemical Safe Assessment has not been carried out.

16. Other information

16.1 Indication of changes:

None.

16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
PBT: Persistent, Bio accumulative and Toxic
vPvB: very persistent and very bio accumulative
SVHC: Substance of Very High Concern
LD50: Lethal dose, 50 percent
LC50: Lethal concentration, 50 percent
EC50: Concentration of maximal effect, 50 percent
NOEC: No observed effect concentration
Acute Tox. 3: Acute toxicity, hazard category 3
Acute Tox. 4: Acute toxicity, hazard category 4
Skin Irrit.2: Skin corrosion/irritation, hazard category 2
Eye Dam. 1: Eye damage/irritation, hazard category 1
Eye Irrit. 2: Eye damage/irritation, hazard category 2
STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3
Carc. 2: Carcinogenicity, hazard category 2
Aquatic Acute 1: Short-term (acute) aquatic hazard, hazard category 1
Aquatic Chronic 2: Long-term (chronic) aquatic hazard, hazard category 2
Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3

· 16.3 Key literature references and sources for data:

<https://echa.europa.eu/>
<https://chem.nlm.nih.gov/>
<https://www.osha.gov/>
<http://www.unece.org/>
<http://www.imo.org/>
<https://www.dguv.de/>
<https://epa.govt.nz/>
<http://www.ilo.org/>
<https://www.phmsa.dot.gov/>

· 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

See section 2.1(classification).

· 16.5 Relevant H- and EUH-phrases (number and full text):

H301 Toxic if swallowed
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage
H319 Causes serious eye irritation
H373 May cause damage to organs through prolonged or repeated exposure
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects

16.6 Training advice:

Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

16.7 Further information

The contents and format of this MSDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

The information in this MSDS was obtained from sources which we believe are reliable . However , the information is provided without any warranty ,express or implied , regarding its correctness . The conditions or methods of handling ,storage , use or disposal of the product are beyond our control and may be beyond our knowledge . For this and other reasons , we do not assume responsibility and expressly disclaim liability for loss , damage or express arising out of or in any way connected with the handling , storage , use or disposal of the product . This MSDS was prepared and is to be used only for this product . If the product is used as a component in another product , this MSDS information may not be applicable.

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*******END of document**