

20015- all codes *

13/03 '99 DON 12:00 FAX 0031 55 5761223

ROYAL TALENS ICS&P

→→→ CANSON TALENS

002



SAFETY DATA SHEET

conforms to 91/155/EC
(ISO 11014)

Date: June 24, 1996

1. Identification of the product and the company

1.1. Product: Van Gogh Pastels

Art. no.: 9082.0000

1.2. Company:

Royal Talens, Sophialaan 46, 7311 PD, Apeldoorn, Holland
P.O. Box 4, 7300 AA
Tel. (0)55 - 5274 700, Telefax (0)55 - 5215 286

2. Composition/information on ingredientsDangerous components : This product is not considered to
be a hazardous preparation under
directive 88/379/EC

% by weight :

CAS-no :

EINECS-no. :

3. Hazards identification:

n.a.

4. First-Aid measures

Inhalation : n.a.

Skincontact : n.a.

Eye contact : n.a.

Ingestion : Consult a physician.

5. Fire-fighting measures:

n.a.

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Product: Van Gogh Pastels

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6. Accidental release measures:
n.a.

7. Handling and storage:
n.a.

8. Exposure controls/Personal protection:
Wash hands after use.

9. Physical and chemical properties:

Characterization	:	Pigment held in mainly kaolin	
Form	:	solid	
Odour	:		
pH	:		(20°C)
Viscosity	:		mPa.s (20°C)
Boilingpoint/-range*	:	n.a.	°C
Meltingpoint/-range*	:		°C
Flashpoint*	:	n.a.	°C
Ignitiontemperature*	:	n.a.	°C
Explosionlimits*	:	lower: n.a.; upper: n.a.	
Vapourpressure*	:	n.a.	mbar (20°C)
Density*	:		g/cm ³ (20°C)
Solubility in water*	:	insoluble	g/l
Sol.in White Spirit*	:	insoluble	g/l

* items tested in accordance with 67/548/EC

Other information : Pigmentspecification per colour:
See attached list.

10. Stability and reactivity:
n.a.

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11. Toxicological information:
n.a.

12. Ecological information:
n.a.

13. Disposal considerations:
Comply with local regulations.

14. Transport information:

UN-no.	:	
Land ADR/RID	:	
Water ADNR	:	
Sea IMDG	:	
Air ICAO/IATA-DGR	:	
Other information	:	No transport classification. No restrictions.

15. Regulatory information:
This product is not considered to be a hazardous preparation under directive 88/379/EC.

16. Other information:

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Pigmentspecification per colour

The pigments used in our paint are indicated according to the Colour Index. The Colour Index is a system applied internationally to pigments and colouring agents used in all types of paint, thus including artists' colours. The system is based on a number and name relating to the chemical structure. The Colour Index was originally developed in the USA, which is why the descriptions of the chemical classes are given in English. The meaning of the abbreviations is as follows:

FW = pigment white
 PO = pigment orange
 PB = pigment blue
 PG = pigment green
 PBk = pigment black

PY = pigment yellow
 PR = pigment red
 PV = pigment violet
 PBr = pigment brown

Colour number	Colourname	Pigment(s)	Colour Index	C.I. - number
WHITE				
100	White	Titaniumdioxide	PW6	77891
YELLOW/ORANGE				
200	Yellow	Quinophthalone	PY138	56300
		Isoindolinone	PY110	56280
201	Yellow light	Quinophthalone	PY138	56300
		Isoindolinone	PY110	56280
202	Yellow deep	Isoindolinone	PY139	56298
		Perinone	PO43	71105
205	Lemonyellow	Isoindolinone	PY110	56280
		Quinophthalone	PY138	56300
227	Yellow ochre	Synth.ironoxide	PY42	77492
228	Yellow ochre light	Isoindolinone	PY110	56280
		Synth.ironoxide	PR101	77491
231	Goldochre	Synth.ironoxide	PY42	77492
		Perinone	PO43	71105
234	Raw sienna	Synth.ironoxide	PY42	77492
		Synth.ironoxide	PR101	77491
235	Orange	Perinone	PO43	71105
		Isoindolinone	PY110	56280
RED				
311	Vermillion	Anthraquinone	PR168	59300
		Perinone	PO43	71105
318	Carmine	Quinacridone	PR122	73915
		Diketopyrrolo-pyrrole	PR254	56110
357	Rose	Quinacridone	PR122	73915
		Diketopyrrolo-pyrrole	PR254	56110
371	Permanentred deep	Naphtol	PR9	12460
		Perinone	PO43	71105
372	Permanentred	Diketopyrrolo-pyrrole	PR254	56110
		Anthraquinone	PR168	59300

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Colour number	Colourname	Pigment	Colour Index	C.I. - number
<u>BROWN</u>				
408	Raw umber	Synth.ironoxide	PR101	77491
		Synth.ironoxide	PY42	77492
409	Burnt umber	Synth.ironoxide	PR101	77491
410	Greenish umber	Synth.ironoxide	PR101	77491
		Synth.ironoxide	PY42	77492
		Carbonblack	PBk7	77266
411	Burnt sienna	Synth.ironoxide	PR101	77491
<u>BLUE/VIOLET</u>				
504	Ultramarine	Polysulfide of sodium-aluminosilicate	PB29	77007
		Copper phthalocyanine	PB15:3	74160
508	Prussianblue	Ferric-ferrocyanine	PB27	77510
512	Cobaltblue (ultram)	Polysulfide of sodium-aluminosilicate	PB29	77007
		Copper phthalocyanine	PB15:3	74160
522	Turquoiseblue	Ferric-ferrocyanine	PB27	77510
		Synth.ironoxide	PY42	77492
535	Ceruleanblue (phthalo)	Copper phthalocyanine	PB15:3	74160
		Polysulfide of sodium-aluminosilicate	PB29	77007
538	Marsviolet	Synth.ironoxide	PR101	77491
		Diketopyrrolo-pyrrole	PR254	56110
		Carbonblack	PBk7	77266
545	Redviolet	Quinacridone	PR122	73915
		Polysulfide of sodium-aluminosilicate	PB29	77007
548	Blueviolet	Polysulfide of sodium-aluminosilicate	PB29	77007
		Quinacridone	PR122	73915
564	Brilliantblue	Copper phthalocyanine	PB15:3	74160
		Titaniumdioxide	PW6	77891
570	Phthaloblue	Copper phthalocyanine	PB15:3	74160
<u>GREEN</u>				
615	Emerald green	Quinophthalone	PY138	56300
		Isoindolinone	PY110	56280
		Copper phthalocyanine	PB15:3	74160
617	Yellowish green	Quinophthalone	PY138	56300
		Isoindolinone	PY110	56280
		Copper phthalocyanine	PB15:3	74160
618	Perm.green light	Quinophthalone	PY138	56300
		Isoindolinone	PY110	56280
		Copper phthalocyanine	PB15:3	74160
619	Perm.green deep	Quinophthalone	PY138	56300
		Isoindolinone	PY110	56280
		Copper phthalocyanine	PB15:3	74160
620	Olivegreen	Isoindolinone	PY110	56280
		Ferric-ferrocyanine	PB27	77510
		Carbonblack	PBk7	77266
661	Turquoisegreen	Isoindolinone	PY110	56280
		Quinophthalone	PY138	56300
		Copper phthalocyanine	PB15:3	74160

Item Numbers: 20015-1009, 20015-1019, 20015-1029, 20015-1039, 20015-1109

This information is accurate to the best knowledge of Royal Talens, however it is furnished without warranty, expressed or implied.

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Colour number	Colourname	Pigment	Colour Index	C.I. number
BLACK/GREY				
700	Black	Carbonblack	PBk7	77266
709	Greenish grey	Carbonblack	PBk7	77266
		Synth.ironoxide	PY42	77492
717	Cold grey	Carbonblack	PBk7	77266
		Synth.ironoxide	PBk11	77499
PEARL COLOURS				
All colours contain :				
		Titaniumdioxide and tinoxide coated mica	PW6/ PW15/ PW20	77891/ 77861/ 77019
and :				
800	Silver	Carbonblack	PBk7	77266
823	Pearlyyellow	Disazopyrazolon	PO34	21115
824	Pearlred	Naphtol	PR170	12475
825	Pearlrose	Quinacridone	PV19	73900
826	Pearlblue	Copper phthalocyanine	PB15:3	74160
827	Pearlviolet	Dioxazine	PV23	51319
828	Pearlgreen	Arylide	PY167	11737
		Ferric-ferrocyanine	PB27	77510
830	Pearlwhite			
837	Pearlorange	Disazopyrazolon	PO34	21115
839	Pearlyyellowishgreen	Arylide	PY167	11737
		Copper phthalocyanine	PB15:3	74160
FLUORESCENT COLOURS				
256	Reflexyellow	Fluorescent pigment		
257	Reflexorange	"		
383	Reflexred	"		
384	Reflexrose	"		
571	Reflexblue	"		
672	Reflexgreen	"		