

04-12-05

\*Artist Field Box Set\*

00319-0004

MAR-31-2005 THU 12:10 PM colart americas

FAX NO. 7325620941

4-12-05

HANDLING INFORMATION SHEET

00319 - see attached codes

The product covered by this Handling Information Sheet has been certified in a program of toxicological examination by a medical expert to contain no materials in sufficient quantities to offer any acute or chronic health hazard to humans. In addition, there is no physical hazard as defined within 29CFR part 1910.1200(c) consequently, no MSDS is applicable. This sheet does not constitute a MSDS as defined by 29CFR 1910.1200 but provides a source of

non-mandatory information as a service to users of Winsor & Newton products.

Winsor & Newton is a member of the Art & Craft Materials Institute, 715 Boylston St., Boston, Ma. 02116. Our art materials are certified by the Institute to be labelled in accordance with the voluntary chronic hazard labelling standard ASTM D.4236 of the American Society for Testing and Materials.



No Health Labeling Required

3/31/05

Page 1 of 3

MATERIAL SAFETY DATA:

01 000 ARTISTS WATER COLOUR not otherwise specified

WINSOR & NEWTON
COLART AMERICAS INC
11 CONSTITUTION AVE P.O. BOX 1396
PISCATAWAY N.J. 08855-1396

Telephone for Health Information only
1-800-628-3385

HAZARDOUS INGREDIENTS

Table with 4 columns: Ingredient Name, CAS NO., TLV, MAX. %
4-chloro-3,5-xyleneol: 00088-04-0, 0.50
Glutaraldehyde: 00111-30-8, 0.2 ppm, 0.16

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point : > 100 °C Specific gravity : 1.20 -2.50
Vapor pressure : ca.17mm Hg Evaporation rate (BuAc=1 ):0.36
Vapor density : as water Solubility in water : Miscible
Appearance and odor : Soft paste. Colour as named.

FIRE AND EXPLOSION HAZARD DATA

Flash point ( ): n/a °C Flammability limits : upper :n/a %
Autoignition temperature: n/a °C lower :n/a %
Fire precautions : Will burn when water evaporates
Extinguishing media: n/a
Special hazards : n/a

REACTIVITY DATA

Stable :yes Incompatibility:none known
Hazardous decomposition :Carbon monoxide may be evolved in a fire
Hazardous polymerisation :no

HEALTH HAZARD DATA

Prolonged contact with skin could cause irritation.

Carcinogenicity : NTP : n/a IARC monographs : n/a OSHA regulated : n/a

FIRST AID

Eye contact : Wash with water for 10 minutes
If irritation persists get medical attention
Skin contact: Wash off with water

Inhalation : Remove from exposure

Ingestion : Wash out mouth with water
Get medical attention

Item Numbers: 00319-0004

V-4565

# HANDLING INFORMATION SHEET

The product covered by this Handling Information Sheet has been certified in a program of toxicological examination by a medical expert to contain no materials in sufficient quantities to offer any acute or chronic health hazard to humans. In addition, there is no physical hazard as defined within 29CFR part 1910.1200(c), consequently, no MSDS is applicable. This sheet does not constitute a MSDS as defined by 29CFR 1910.1200 but provides a source of

non-mandatory information as a service to users of Winsor & Newton products.

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No Health Labeling Required

Page 2 of 3

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**PRECAUTIONS FOR SAFE HANDLING AND USE**

In case of spillage : Absorb on inert substrate  
Mop up with plenty of water.  
Waste disposal : According to local regulations

Handling : Normal hygiene **NO HEALTH LABELING REQUIRED**

Storage : Keep in closed containers  
Avoid extremes of temperature

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**CONTROL MEASURES**

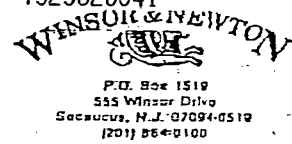
Personal : Avoid prolonged contact Wear mask if spraying  
Ventilation: Ensure adequate ventilation  
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MAR-31-2005 THU 12:10 PM colart americas

FAX NO. 7325620941

P. 04

Date	Customer	Sales Person	Lot
Disc No.	Buyer	Customer No.	
Gold Fax			



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HANDLING INFORMATION SHEET ARTISTS PROFESSIONAL WATERCOLOURS (NOT OTHERWISE SPECIFIED)

Artists' Professional Water Colours : ALL SIZES

THE PRECEDING PAGES REFER TO COLOURS MARKED "X" BELOW

COLOUR NAME	SERIES	AWC 87 No. 2 Tubes Only	AWC 88 No. 5 Tubes Only	COLOUR NAME	SERIES	AWC 87 No. 2 Tubes Only	AWC 88 No. 5 Tubes Only	COLOUR NAME	SERIES	AWC 87 No. 2 Tubes Only	AWC 88 No. 5 Tubes Only
3060,61 004 Alizarin Crimson - 62	1	X		160 Duvy's Gray 2630-31-32	1	X		502 Rose Madder Gen.	4	X	3712, 3730, 31
5910-11-12 008 Antwerp Blue	1	X		194 French Ultramarine	3	X		612 Scarlet Lake	1	X	3410-11-12
012 Aureolin	4			198 Gamboge Genuine	4	X		522 Sepia	1	X	8080-81-82
2090-91-92 034 Blue Black	1	X		248 Indian Red 3250-51-52	1	X		642 Terre Verte	1	X	7130-31-32
3070-71-72 040 Bright Red	1	X		250 Indian Yellow	1	X		56B Vandyke Brown	1	X	8310,11-12
8040,41,42 056 Burnt Sienna	1	X		252 Indigo 5260,04,02	1	X		570 Venetian Red	1	X	3130-31-32
8051-52-50 058 Burnt Umber	1	X		250 Ivory Black 2250,51,52	1	X		580 Viridian	3	X	7100-01-02
064 Cadmium Lemon	4			284 Lamp Black 3020,71,22	1	X		602 Warm Sepia	1	X	
085 Cadmium Orange	4			274 Lemon Yellow	3			602 Winsor Emerald	1	X	7880-81-82
070 Cadmium Red	4			290 Light Red 3010-11-12	1	X		610 Winsor Red	1	X	3740-41-42
074 Cadmium Red Deep	4			336 Naples Yellow Deep	1	X		616 Winsor Yellow	1	X	4000-01-02
082 Cadmium Scarlet	4			340 Neutral Tint 2550-51-52	1	X		634 Yellow Ochre	1	X	4040-41-42
084 Cadmium Yellow	4			342 New Gamboge	1			Perm. Mauve			
096 Cadmium Yellow Deep	4			348 Olive Green 7070-71-72	1	X					
090 Cadmium Yellow Pale	4			390 Oxide of Chromium	3	X					
2610,11,12- 100 Cerulean Blue	3			390 Payne's Gray 2500-61-62	1	X					
102 Charcoal Grey	1	X		420 Permanent Magenta 3490-91-92	3	X					
108 Chinese White	1			420 Permanent Rose 3760-61-62	3	X					
				450 Prussian Blue 220-21-22	1	X					
								ARTISTS' WATER COLOUR SUMMARY			
								#2 TUBES UNITS		#5 TUBES UNITS	
130 Cobalt Blue	4							1			
138 Cobalt Green	4			470 Raw Sienna 8060-61-62	1	X		2			
141 Cobalt Turquoise	4			472 Raw Umber 8070-71-72	1	X		3			
142 Cobalt Violet	5			496 Rose Dore 3720-21-22	1	X		Total		Total	
								TOTAL #2 & #5			

025	Bismuth Yellow	3	X
056	Brown Madder	1	X
125	Caput Mortuum Violet	2	X
180	Cobalt Blue Deep	4	
187	Cobalt Green Yellow Shade	4	
191	Cobalt Turquoise Light	4	X
285	Gold Ochre	2	X
294	Green Gold	2	X
311	Hooker's Green	1	X
323	Indanthrene Blue	3	X
370	Manganese Blue Hue	2	X
425	Naples Yellow Deep	1	X
431	Nickel Titanium Yellow	3	X
466	Permanent Alizarin Crimson	3	X
475	Permanent Carmine	3	X
503	Permanent Sap Green	1	X
507	Perylene Maroon	3	X
543	Purple Madder	1	X

547	Quinacridone Gold	3	X
545	Quinacridone Magenta	3	X
548	Quinacridone Red	3	X
540	Thioloindigo Violet	3	X
644	Titanium White	1	X
653	Transparent Yellow	2	X
662	Ultramarine Green Shade	2	X
672	Ultramarine Violet	2	X
683	Viridian HLB	3	
702	Winsor Blue Green Shade	1	X
709	Winsor Blue Red Shade	1	X
719	Winsor Green Blue Shade	1	X
721	Winsor Green Yellow Shade	1	X
723	Winsor Lemon	1	X
724	Winsor Orange	1	X
733	Winsor Violet Diazotized	1	X
731	Winsor Yellow Deep	1	X

0102	Code	Description	
526	Phthalo Turquoise	X	
537	Potters Pink	X	
63B	Terre Verte (Yellow Shade)	X	
649	Turners Yellow	X	
723	Winsor Orange Red Shade	X	
725	Winsor Red Deep	X	
745	Yellow Ochre Light	X	
348	Lemon Yellow Deep	X	
059	Brown Ochre	X	
140	Cerulean Blue (Red Shade)	X	
381	Magnesium Brown	X	
386	Mars Black	X	
448	Opera Rose	X	
460	Perylene Green	X	
470	Perylene Violet	X	
491	Permanent Mauve	X	

FOR ALL COLOURS NOT MARKED "X" REFER TO SPECIFIC MSDS

Winsor Ndwton Artist' Professional Water Colors			
(THE PRECEDING PAGES REFER TO COLORS MARKED "X" BELOW)			
(FOR ALL COLORS NOT MARKED 'X' REFER TO SPECIFIC MSDS)			
00319-			
025 Bismuth Yellow	x	4610	4611, 4612
056 Brown Madder	x	8210	8211, 8212
125 Caput Mortum Violet	x	6650	6651, 6652
180 Cobalt Blue Deep			
187 Cobalt Green Yellow Shade			
191 Cobalt Turquoise Light	x		
285 Gold Ochre	x	9030	9031, 9032
294 Green Gold	x	9060	9061, 9062
311 Hooker's Green	x	7120	7121, 7122
321 Indanthrene Blue	x	5340	5341, 5342
379 Manganese Blue Hue	x	5330	5331, 5332
425 Naples Yellow Deep		4520	4521, 4522
431 Nickel Titanium Yellow			
466 Permanent Alizarin Crimson	x	3390	3391, 3392
479 Permanent Carmine	x	3700	3702, 3711
503 Permenant Sap Green	x	7390	7391, 7392
507 Perylene Maroon	x	8910	8911, 8912
543 Purple Madder		6410	6411, 6412
547 Quinacridone Gold	x	9090	9091, 9092
545 Quinacridone Maggena	x	3620	3621, 3622
548 Quinacridone Red	x	3270	3271, 3272
640 Thioindigo Violet	x	6550	6551, 6552
644 Titianium White	x	1010	1011, 1012
653 Transparent Yelllow	x	4550	4551, 4552
667 Ultramarine Green Shade	x	5230	5231, 5232
672 Ultramarine Violet	x	6730	6731, 6732
683 Vermillion Hue			
707 Winsor Blue Green Shade	x	5480	5481, 5482
709 Winsor Blue Red Shade	x	5630	5631, 5632
719 Winsor Green Blue Shade	x	7890	7891, 7892
721 Winsor Green Yellow Shade	x	7590	7591, 7592
722 Winsor Lemon	x	4900	4901, 4902
724 Winsor Orange	x	4820	4821, 4822
733 Winsor Violet Dioxazine	x	6740	6741, 6742
731 Winsor Yellow Deep	x	4890	4891, 4892
526 Phyhalo Turquoise	x	5421	5422
637 Potters Pink	x	3771	3772
638 Terre Verte(Yellow Shade)	x	7111	7112
649 Turners Yellow	x	4411	4412
723 Winsor Orange Red Shade	x	4801	4802
725 Winsor Red Deep	x	4881	
745 Yellow Ochre Light	x	4841	4842
348 Lemon Yellow Deep	x	4101	4102
059 Brown Ochre	x	8201	8202
140 Cerulean Blue (Red Shade)	x	5171	5172
381 Magnesium Brown	x	8441	8442
386 Mars Black	x	2041	2042
448 Opera Rose	x	3759	3761, 3762
460 Perylene Green	x	7851	7852
470 PeryleneViolet	x	6701	6702
491 Permanent Mauve	x	3871	3872

00319-1050  
-1051  
-1052

CHINESE WHITE

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31/05/00

**Material Safety Data Sheet**

WINSOR & NEWTON ARTISTS WATER COLOUR tube

CHINESE WHITE

**Section I**

ColArt Americas, Inc  
11 Constitution Avenue  
Piscataway  
New Jersey 08855-1396

Emergency Telephone Number 1-800-628-3385  
Telephone Number for Information 732- 562- 0770  
Date prepared 31/05/00

**Section II Hazard Ingredients/Identity Information**

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
4-chloro-3,5-xyleneol	00088-04-0	no data	no data

**Section III Physical/Chemical Characteristics**

Boiling Point:	> 100 ° C	Specific Gravity	1.6
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a ° C
Vapour density:	as water	Evaporation rate	BuAc = 1 0.36
Solubility in water :	Miscible		
Appearance and odour	Soft white paste		

**Section IV Fire and Explosion Hazard Data**

Flash Point	n/a ° C	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	n/a		
Special Fire Fighting Procedures	Will burn when water evaporates		
Unusual Fire and Explosion Hazards	n/a		

**Section V Reactivity Data**

Stability :	Unstable : no	Conditions to avoid :	none known
	Stable : yes		
Incompatibility:	none known		
Hazardous Decomposition	no		
Hazardous Polymerisation	no		

CHINESE WHITE

Page 2 of 3

31/05/00

**Section VI Health Hazard Data**

Route of Entry	Inhalation?	<input type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
<b>Health Hazards:</b>						
Prolonged contact with skin could cause irritation.						
Soluble lead in the zinc oxide pigment is less than 1 ppm.						
Carcinogenicity : NTP: n/a IARC Monographs: n/a						
OSHA Regulated n/a						
WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.						
<b>Signs and Symptoms of Exposure</b> None known						
<b>Medical Conditions aggravated by exposure</b> Pre-existing skin disorders						
<b>First Aid Procedures</b>						
Eyes:	Wash with water for 10 minutes					
	If irritation persists get medical attention					
Skin:	Wash off with water					
Inhalation:	Remove from exposure					
Ingestion:	Give water to drink					
	Get medical attention					

**Section VII Precautions for Safe Handling and Use**

Steps to be taken if material is spilled	Absorb on inert substrate
Mop up with plenty of water	
Waste Disposal Method	According to local regulations
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Keep dry	
Avoid extremes of temperature	
Other precautions	none

CHINESE WHITE

Page 3 of 3

31/05/00

**Section VIII Control Measures**

Respiratory protection	Not required		
Ventilation	Not normally required		
	Local exhaust	Not required	
	Mechanical	Not required	
Protective gloves	Not required	Eye protection	Not required
Other protective equipment	Protective clothing		
Work/Hygenic Practices	Avoid prolonged contact		

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in conformity with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards

00319-4300  
4301  
4302

CADMIUM YELLOW PALE

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31/05/00

**Material Safety Data Sheet**

# 0102-118

WINSOR & NEWTON ARTISTS WATER COLOUR tube

CADMIUM YELLOW PALE

**Section I**

ColArt Americas, Inc  
11 Constitution Avenue  
Piscataway  
New Jersey 08855-1396

Emergency Telephone Number 1-800-628-3385  
Telephone Number for Information 732- 562- 0770

Date prepared 31/05/00

**Section II Hazard Ingredients/Identity Information**

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
4-chloro-3,5-xyleneol	0088-04-0	no data	no data
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01 as Cd mg/m3

**Section III Physical/Chemical Characteristics**

Boiling Point:	> 100 ° C	Specific Gravity	1.6
Vapour pressure:	ca. 17mm Hg	Melting Point:	n/a ° C
Vapour density:	as water	Evaporation rate	BuAc = 1 0.36
Solubility in water :	Miscible		
Appearance and odour	Soft yellow paste		

**Section IV Fire and Explosion Hazard Data**

Flash Point	n/a ° C	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	n/a		
Special Fire Fighting Procedures	Will burn when water evaporates		
Unusual Fire and Explosion Hazards	n/a		

**Section V Reactivity Data**

Stability :	Unstable no	Conditions to avoid :	none known
	Stable : yes		
Incompatibility:	none known		
Hazardous Decomposition	Hydrogen sulphide liberated by acids		
Hazardous Polymerisation	no		

CADMIUM YELLOW PALE

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31/05/00

## Section VI Health Hazard Data

Route of Entry	Inhalation? <input type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
<b>Health Hazards:</b>			
Prolonged contact with skin could cause irritation.			
Soluble cadmium content in pigment is less than 0.5 ppm and should not constitute a health hazard unless large quantities are absorbed into the body.			
Carcinogenicity :	NTP: n/a	IARC Monographs:	n/a
	OSHA Regulated		n/a
WARNING: DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.			
Signs and Symptoms of Exposure	None known		
Medical Conditions aggravated by exposure	Pre-existing skin disorders		
<b>First Aid Procedures</b>			
Eyes:	Wash with water for 10 minutes If irritation persists get medical attention		
Skin:	Wash off with water		
Inhalation:	Remove from exposure		
Ingestion:	Give water to drink Get medical attention		

## Section VII Precautions for Safe Handling and Use

Steps to be taken if material is spilled	Absorb on inert substrate
Mop up with plenty of water	
Waste Disposal Method	According to local regulations
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Keep dry	
Avoid extremes of temperature	
Other precautions	none

CADMIUM YELLOW PALE

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31/05/00

**Section VIII Control Measures**

Respiratory protection	Not required		
Ventilation	Not normally required		
	Local exhaust	Not required	
	Mechanical	Not required	
Protective gloves	Not required	Eye protection	Not required
Other protective equipment	Protective clothing		
Work/Hygenic Practices	Avoid prolonged contact		

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in conformity with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards