

**\*Artist wc Compact Set\***

**00319-0009**

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

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**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	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: 00319-0009

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

FAX NO. 7325620941

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### HANDLING INFORMATION SHEET

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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

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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**

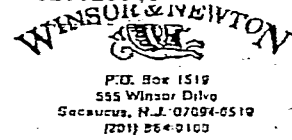
Personal : Avoid prolonged contact Wear mask if spraying  
Ventilation: Ensure adequate ventilation  
=====

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FAX NO. 7325620941

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Date	Customer	Ship When	Use
Order No.	Buyer	Customer No.	
Sold To:			



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SPECIAL INSTRUCTIONS: 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 #1 No. 2 Tubes Only	AWC #3 No. 3 Tubes Only	COLOUR NAME	SERIES	AWC #1 No. 2 Tubes Only	AWC #3 No. 3 Tubes Only	COLOUR NAME	SERIES	AWC #1 No. 2 Tubes Only	AWC #3 No. 3 Tubes Only
3060, 61 004 Alizarin Crimson - 62	1	X		160 Davy's Gray 3630-31-32	1	X		602 Rose Madder GRN.	4	X	371
5910-11-12 000 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
2096-91-92 034 Blue Black	1	X		↑ 4910, 11, 12				642 Terre Verte	1	X	7130-31-32
3070-71-72 040 Bright Red	1	X		Indian Red 3250, 51, 52	1	X		508 Vandyke Brown	1	X	8310, 11-12
9040, 41, 42 056 Burnt Sienna	1	X		248 Indian Yellow	1	X		570 Venetian Red	1	X	3130-31-32
8051-52-50 058 Burnt Umber	1	X		252 Indigo 5200, 01, 02	1	X		580 Viridian	3	X	7160-01-02
064 Cadmium Lemon	4			250 Ivory Black 2250, 51, 52	1	X		602 Warm Sepia	1	X	
088 Cadmium Orange	4			204 Lamp Black 3020, 21, 22	1	X		602 Winsor Emerald	1	X	7880-81-82
070 Cadmium Red	4			274 Lemon Yellow	3			610 Winsor Red	1	X	3740-41-42
074 Cadmium Red Deep	4			290 Light Red 3010-11-12	1	X		616 Winsor Yellow	1	X	4000-01-02
082 Cadmium Scarlet	4			336 Naples Yellow - Deep	1	X		634 Yellow Ochre	1	X	4046-41-42
084 Cadmium Yellow	4			340 Neutral Tint 2550-51-52	1	X		Perm. Mauve			
096 Cadmium Yellow Deep	4			342 New Gamboge 72	1	X					
090 Cadmium Yellow Pale	4			348 Olive Green 7020-71-72	1	X					
100 Cerulean Blue	3			390 Oxide of Chromium	3	X					
102 Charcoal Grey	1	X		390 Payne's Gray 2500-61-62	1	X					
108 Chinese White	1			420 Permanent Magenta 3490-91	3	X					
				420 Permanent Rose 2650-61-62	3	X					
				450 Prussian Blue 5220-21-22	1	X					
								ARTISTS' WATER COLOUR SUMMARY			
								#2 TUBES UNITS		#3 TUBES UNITS	
								SERIES	1		
								2			
								3			
								4			
								5			
								Total		Total	
								TOTAL #2 & #3			
025 Bicuum Yellow	3	X		547 Quinacridone Gold	3	X		0102 Code Description			
056 Brown Madder	1	X		545 Quinacridone Magenta	3	X		526 Phthalo Turquoise	X		
125 Caput Medusum Violet	2	X		548 Quinacridone Red	3	X		537 Potters Pink	X		
180 Cobalt Blue Deep	4			546 Yellishindigo Violet	2	X		638 Terre Verte (Yellow Shade)	X		
187 Cobalt Green Yellow Shade	4			844 Titanium White	1	X		649 Turners Yellow	X		
191 Cobalt Turquoise Light	4	X		853 Transparent Yellow	2	X		723 Winsor Orange Red Shade	X		
285 Gold Ochre	2	X		862 Ultramarine Green Shade	2	X		725 Winsor Red Deep	X		
294 Green Gold	2	X		672 Ultramarine Violet	2	X		745 Yellow Ochre Light	X		
311 Hookers Green	1	X		883 Vermilion Hue	3			348 Lemon Yellow Deep	X		
321 Indanthrene Blue	3	X		702 Winsor Blue Green Shade	1	X		059 Brown Ochre	X		
370 Manganese Blue Hue	2	X		709 Winsor Blue Red Shade	1	X		140 Cerulean Blue (Red Shade)	X		
425 Naples Yellow Deep	1	X		719 Winsor Ginn Blue Shade	1	X		381 Magnesium Brown	X		
431 Nickel Titanium Yellow	3	X		721 Winsor Green Yellow Shade	1	X		386 Mars Black	X		
460 Permanent Alizarin Crimson	3	X		725 Winsor Lemon	1	X		448 Opera Rose	X		
479 Permanent Carmine	3	X		724 Winsor Orange	1	X		460 Perylene Green	X		
503 Permanent Sap Green	1	X		733 Winsor Violet Oxidizing	1	X		470 Perylene Violet	X		
507 Perylene Maroon	3	X		731 Winsor Yellow Deep	1	X		491 Permanent Mauve	X		
543 Purple Madder	1	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 Permanent 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 Yellow	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	

CADMIUM YELLOW PALE

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31/05/00

## Material Safety Data Sheet

# 0102 - 118

WINSOR &amp; 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	00088-04-0	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 Stable : yes	Conditions to avoid :	none known
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

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

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

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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 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.						
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

CHINESE WHITE

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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

CADMIUM SCARLET

Page 1 of 3

31/05/00

## Material Safety Data Sheet

#0102100

WINSOR &amp; NEWTON ARTISTS WATER COLOUR tube

CADMIUM SCARLET

## 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-xylendl	00088-04-0	no data	no data
Cadmium sulphoselenide	12626-36-7	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 red 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 SCARLET

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 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 SCARLET

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