

APR-15-2004 THU 03:01 PM colart americas

FAX NO. 7325620941

P. 02/04

04-19-04 ✓

# HANDLING INFORMATION SHEET

00461-1010

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

\* Intro Set - 10 \*

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MATERIAL SAFETY DATA:

17/11/94

12 000 ARTISTS OIL 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. %
None			

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point	: > 300 °C	Specific gravity	: -
Vapor pressure	: n/a	Evaporation rate (n/a. ):	n/a.
Vapor density	: n/a	Solubility in water :	Insoluble
Appearance and odor	: Coloured paste. Vegetable oil odour		

FIRE AND EXPLOSION HAZARD DATA

Flash point (closed cup): > 230 °C Flammability limits : upper : n/a %  
 Autoignition temperature: > 300 °C lower : n/a %  
 Fire precautions : Keep cool  
 Extinguishing media: Carbon dioxide, dry chemical, foam.  
 Special hazards : Black smoke evolved may effect eyes and lungs

REACTIVITY DATA

Stable : yes Incompatibility: Combustible matter e.g. cotton waste  
 Hazardous decomposition : Acrolein may be evolved in a fire  
 Hazardous polymerisation : n/a

HEALTH HAZARD DATA

Prolonged contact with skin may cause dermatitis. Nausea and sickness if large quantities ingested.

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

Eye contact : Wash with water for 10 minutes

Skin contact: Wash off with soap and water

Inhalation : Not applicable  
 Ingestion : Give water to drink  
 Get medical attention

V4565



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OIL COLOURS (NOT OTHERWISE SPECIFIED)

11 Constitution Avenue  
P.O. Box 1396  
Piscataway, N.J. 08855-1396  
(908) 562-0770 • Fax (908) 562-0940

SPECIAL INSTRUCTIONS

Artists' Oil Colours

8913  
8043  
8053

7913  
4913

5273

5782  
5482

CODE	COLOUR NAME	UNIT	1209 21ml	1214 37ml	1220 60ml	1230 120ml	CODE	COLOUR NAME	UNIT	1209 21ml	1214 37ml	1220 60ml	1230 120ml	CODE	COLOUR NAME	UNIT	1209 21ml	1214 37ml	1220 60ml	1230 120ml
004	Alizarin Crimson 3063	2	X	X			322	Indigo - 5203	2	X	X			617	Silver - 9363	2	X	X		
016	Auracolin	5					330	Iridescent White - 1063	1	X	X			635	Terra Rosa - 3743	1	X	X		
034	Blue Black - 2093	1	X	X			331	Ivory Black 2253, 2254	1	X	X		X	637	Terra Verta - 7133	1	X	X		
042	Bright Red - 3673	1	X	X			333	Juara Brilliant	1					644	Titanium White	1				
058	Brezeit - 9603	2	X	X			337	Lamp Black - 2023	1	X	X			646	Transparent Gold Ochre 7973	1	X	X		
063	Brown Madder Alizarin	1	X	X			347	Lemon Yellow Hue	4					653	Transparent Yellow 4553	4	X	X		
074	Burnt Sienna 8044	1	X	X		X	352	Light Red - 3013	1	X	X			667	Ultramarine Green Shade 2	2	X	X		
075	Burnt Umber 8054	1	X	X		X	379	Mangrove Blue Hue 5333	1	X	X		X	672	Ultramarine Violet 6643	2	X	X		
082	Cadmium Green	4					389	Magenta - 3043	2	X	X			674	Underpainting White	1				
084	Cadmium Green Pale	4					385	Mars Black - 2043	2	X	X			675	Vandyke Brown - 8313	1	X	X		
086	Cadmium Lemon	4					388	Mars Brown - 8923	2	X	X			678	Variation Red - 3133	1	X	X		
089	Cadmium Orange	4					390	Mars Orange - 4673	2	X	X			683	Vermilion Hue 1	1				
094	Cadmium Red	4					394	Mars Violet - 6633	2	X	X			692	Widjan 7103, 7104	3	X	X		X
097	Cadmium Red Deep	4					395	Mars Violet Deep 6673	2	X	X			705	Winsor Blue - 5643	2	X	X		X
106	Cadmium Scarlet	4					396	Mars Yellow - 4383	2	X	X			707	Winsor Blue Green Shade	2	X	X		
101	Cadmium Yellow	4					400	Mauve (Blue Shade) - 6423	1	X	X			708	Winsor Emerald	2				
111	Cadmium Yellow Deep	4					422	Naples Yellow	1					720	Winsor Green - 7443	2	X	X		
118	Cadmium Yellow Pale	4					426	Naples Yellow Light	1					721	Winsor Green Yellow Shade	2	X	X		
127	Carmine - 3153	5	X	X			447	Olive Green - 7073	2	X	X			722	Winsor Lemon - 4903	2	X	X		
137	Carbazole Blue	5					459	Oxide of Chromium - 2373	4	X	X			724	Winsor Orange - 4823	2	X	X		
142	Charcoal Grey - 2613	1	X	X			455	Paynes Grey - 2563	1	X	X			725	Winsor Red Deep - 2753	2	X	X		
147	Chrome Green Deep Hue 1	1	X	X			458	Permanent Alizarin Crimson Hue 1	4	X	X		X	726	Winsor Red - 3763	2	X	X		
149	Chrome Yellow Hue 1	1	X	X			461	Permanent Green 2, 3, 4	2					733	Winsor Yellow - 4003	2	X	X		
178	Cobalt Blue	4					462	Permalox Green Deep	2					731	Winsor Yellow Deep 4933	2	X	X		
180	Cobalt Blue Deep	5					463	Permanent Green Light	2					733	Winsor Violet Oxazinc 6443	X	X			
184	Cobalt Green	8					469	Permanent Magenta - 3493	2	X	X			744	Yellow Ochre 4043 - 44	1	X	X		X
185	Cobalt Green Deep	6					491	Permanent Mauve	4					745	Yellow Ochre Pale 4923	1	X	X		
190	Cobalt Turquoise	5					502	Permanent Rose - 3263	2	X	X			745	Zinc White	1				
192	Cobalt Violet	5					503	Permanent Sap Green 7393-94	4	X	X		X							
193	Cobalt Violet Deep	6					511	Persian - 2573	2	X	X									
201	Cremnitz White	1					526	Phthalocyanine Blue - 5423	1	X	X									
214	Copper - 9503	2	X	X			538	Prussian Blue - 5223	1	X	X									
217	Davy's Gray 2623	2	X	X			540	Prussian Green - 7583	2	X	X									
246	Flake White No. 1	1					544	Purple Lake - 6103	1	X	X									
247	Flake White No. 2	1					546	Purple Madder Alizarin 6413	2	X	X									
257	Flesh Tint	2					552	Raw Sienna 8063-8064	1	X	X		X							
261	Foundation White	1					554	Raw Umber 8073-8074	1	X	X		X							
263	French Ultramarine 5274	2	X	X		X	573	Renaissance Gold - 9113	2	X	X									
283	Gold - 9003	2	X	X			576	Rose Core - 3723	5	X	X									
285	Gold Ochre - 9033	1	X	X			585	Rose Mariner Deep - 3733	5	X	X									
317	Indian Red - 3253	2	X	X			587	Rose Madder Genuine - 3713	5	X	X									
319	Indian Yellow - 4163	2					589	Sap Green - 7093-94	2	X	X									
321	Indanthrene Blue 5343	4	X	X			603	Seal Lake - 3413	2	X	X									

ASSORTMENTS		
CODE	ASSORTMENT DESCRIPTION	QTY
1294305(R)	AOC 21ml 40 Colours 2 x 60ml Whites 1 x 120ml Titanium White Total Tubes-129	
1294309(R)	AOC 37ml 60 Colours 2 x 120ml Whites Total Tubes-192	
1294308(R)	AOC 37ml 90 Colours 2 x 120ml Whites Total Tubes-282	
1294307(R)	AOC 37ml 114 Colours 2 x 120ml Whites Total Tubes-354	
1294302(R)	AOC 120 ml 23 Colours Total Tubes-46	

025	Bismuth Yellow - 4613	X	4
056	Brown Madder - 8213	X	1
059	Brown Ochre - 8223	X	1
183	Cobalt Chromite Green 7973	X	4
191	Cobalt Turquoise Light 7923	X	4
425	Naples Yellow Deep 4523	X	2
479	Permanent Carmine 3163	X	2
505	Perylene Black 2243 - 44	X	1

543	Purple Madder 6403	X	2
545	Quinacridone Magenta	X	2 - 3623
548	Quinacridone Red 3276	X	4
557	Raw Umber Light 8673	X	1
558	Raw Umber (green shade)	X	1 - 8083
647	Transparent Red Ochre	X	1 - 3703
648	Transparent Brown Oxide	X	1 - 8933
657	Transparent Maroon	X	2 - 3343
745	Yellow Ochre Light	X	1 - 4833

TITANIUM WHITE

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-1014

Material Safety Data Sheet

WINSOR & NEWTON ARTISTS OIL COLOUR

TITANIUM 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
Zinc oxide		5 mg/m3	10 mg/m3

Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	2 -
Vapour pressure:	n/a	Melting Point:	n/a ° C
Vapour density:	n/a	Evaporation rate	BuAc = 1 n/a
Solubility in water :	Insoluble		
Appearance and odour	White paste.Vegetable oil odour		

Section IV Fire and Explosion Hazard Data

Flash Point	> 230 ° C	closed cup	Flammable limits	LEL: n/a
				UEL: n/a
Extinguishing Media	Carbon dioxide,dry chemical,foam.			
Special Fire Fighting Procedures	Keep cool			
Unusual Fire and Explosion Hazards	Black smoke may be evolved which effects eyes and lungs			

Section V Reactivity Data

Stability :	Unstable	no	Conditions to avoid :	none known
	Stable :	yes		
Incompatibility:	Combustible matter eg.cotton waste			
Hazardous Decomposition	Acrolein may be evolved in a fire			
Hazardous Polymerisation	no			

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**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 dermatitis.						
Soluble lead in zinc oxide is less than 1 ppm.						
Carcinogenicity :	NTP:	n/a	IARC Monographs:	n/a		
	OSHA Regulated	n/a				
<p><b>WARNING:</b> This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.</p>						
Signs and Symptoms of Exposure	No data					
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 soap and water					
Inhalation:	Not applicable					
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
Sweep up immediately	
Waste Disposal Method	According to local regulations
As toxic waste	
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Avoid contact with skin	
Keep in closed containers	
Avoid extremes of temperature	
Other precautions	none

TITANIUM WHITE

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**Section VIII Control Measures**

Respiratory protection	Not required		
Ventilation	n/a		
	Local exhaust	n/a	
	Mechanical	n/a	
Protective gloves	Not required	Eye protection	Not required
Other protective equipment	Protective clothing		
Work/Hygenic Practices	Avoid ingestion		
	Use barrier creams		

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