

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

FAX NO. 7325620941

P. 02/04

04-19-04 ✓

HANDLING INFORMATION SHEET

00461-1019

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

* Winsor Set *

Page 1 of 3

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 affect 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

V-4585

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

FAX NO. 7325620941

P. U4/U4

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

CODE	COLOUR NAME	1208 21ml	1214 37ml	1220 60ml	1230 120ml	CODE	COLOUR NAME	1208 21ml	1214 37ml	1220 60ml	1230 120ml	CODE	COLOUR NAME	1208 21ml	1214 37ml	1220 60ml	1230 120ml
004	Alizarin Crimson 3063	2	X	X		322	Indigo - 5203	2	X	X		617	Sienna - 9303	2	X	X	
016	Aurolin	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		637	Terra Verde - 7133	1	X	X	
042	Bright Red - 3673	1	X	X		333	Juana Brilliant	1				644	Titanium White	1			
058	Bronzet - 7603	2	X	X		337	Lamp Black - 2023	1	X	X		646	Transparent Gold Ochre 7173	1	X	X	
8913- 8043- 8053-	Brown Madder Alizarin	1	X	X		347	Lemon Yellow Hue	4				659	Transparent Yellow 4553	4	X	X	
	Burnt Sienna 8044	1	X	X		352	Light Red - 3013	1	X	X		667	Ultramarine Green Shade 2	2	X	X	
	Burnt Umber 8054	1	X	X	X	379	Manganese Blue Hue 8334	1	X	X	X	672	Ultramarine Violet 6643	2	X	X	
	Cadmium Green	4				380	Magenta - 3043	2	X	X		674	Underspinning White	1			
	Cadmium Green Pale	4				385	Mars Black - 2043	2	X	X		675	Vandyke Brown - 8313	1	X	X	
	Cadmium Lemon	4				388	Mars Brown - 8923	2	X	X		678	Venetian Red - 3133	1	X	X	
	Cadmium Orange	4				390	Mars Orange - 4673	2	X	X		803	Vermilion Hue 1	1			
	Cadmium Red	4				394	Mars Violet - 6633	2	X	X		602	Viridian 7103 7104	3	X	X	
	Cadmium Red Deep	4				395	Mars Violet Deep 6693	2	X	X		706	Winsor Blue - 5643	2	X	X	X
	Cadmium Scarlet	4				396	Mars Yellow - 4383	2	X	X		707	Winsor Blue Green Shade	2	X	X	
	Cadmium Yellow	4				400	Mauve (Blue Shade) - 6423	1	X	X		708	Winsor Emerald 7883	2			
	Cadmium Yellow Deep	4				422	Naples Yellow	1				720	Winsor Green - 7443	2	X	X	
	Cadmium Yellow Pale	4				426	Naples Yellow Light	1				721	Winsor Green Yellow Shade 2	2	X	X	
	Carmine - 3153	6	X	X		447	Olive Green - 7073	2	X	X		722	Winsor Lemon - 4903	2	X	X	
	Cerulean Blue	5				459	Oxide of Chromium - 7373	4	X	X		724	Winsor Orange - 4823	2	X	X	
	Charcoal Gray - 2613	1	X	X		455	Paynes Gray - 2563	1	X	X		725	Winsor Red Deep - 3753	2	X	X	
7913- 4913-	Chroma Green Deep Hue 1	1	X	X		458	Permanent Alizarin Crimson Hue 1	4	X	X	X	726	Winsor Red - 3763	2	X	X	
	Chroma Yellow Hue 1	1	X	X		481	Permanent Green 7334	2				733	Winsor Yellow - 4003	2	X	X	
	Cobalt Blue	4				482	Permanent Green Deep	2				731	Winsor Yellow Deep 4893	2	X	X	
	Cobalt Blue Deep	5				483	Permanent Green Light	2				733	Winsor Violet Rose 6443	2	X	X	
	Cobalt Green	6				489	Permanent Magenta - 3493	2	X	X		744	Yellow Ochre 4043-44	1	X	X	X
	Cobalt Green Deep	6				491	Permanent Mauve	4				745	Yellow Ochre Pale 4923	1	X	X	
	Cobalt Turquoise	5				502	Permanent Rose - 3263	2	X	X		748	Zinc White	1			
	Cobalt Violet	6				503	Permanent Sap Green 739-74	4	X	X	X						
	Cobalt Violet Deep	6				511	Panzer - 2573	2	X	X							
	Cromolux White	1				528	Phthalocyanine Blue - 5423	1	X	X							
	Cuppart - 9503	2	X	X		533	Prussian Blue - 5223	1	X	X							
	Davy's Gray 2623	2	X	X		540	Prussian Green - 7583	2	X	X							
	Flake White No. 1	1				544	Purple Lake - 6103	1	X	X							
	Flake White No. 2	1				545	Purple Madder Alizarin 6413	2	X	X							
	French Tint	2				552	Raw Sienna 8063-8064	1	X	X	X						
	Foundation White	1				554	Raw Umber 8073-8074	1	X	X	X						
5213-	French Ultramarine 5274	2	X	X	X	573	Rose Madder Gold 9113	2	X	X							
	Gold - 9003	2	X	X		575	Rose Ore - 3723	5	X	X							
	Gold Ochre - 9033	1	X	X		505	Rose Madder Deep - 3733	5	X	X							
	Indian Red - 3253	2	X	X		507	Rose Madder Genuine - 3713	5	X	X							
	Indian Yellow - 4163	2				509	Sap Green - 7093	2	X	X							
	Iodanthrene Blue 5343	4	X	X		603	Scarlet Lake - 3413	2	X	X							

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	

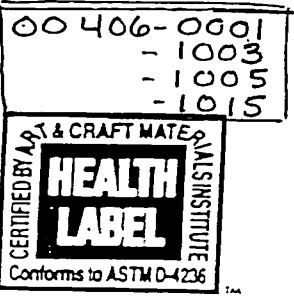
025	Bismuth Yellow - 4613	X	4
056	Brown Madder - 8213	X	1
059	Brown Ochre - 8223	X	1
183	Cobalt Chromite Green 7173	X	4
191	Cobalt Turquoise Light 7923	X	4
425	Naples Yellow Deep 4523	X	2
479	Permanent Carmine 3163	X	2
505	Perylene Black 2243 - 44	X	1

543	Purple Madder 6403	X	2	
545	Quinacridone Magenta	X	2	3623
548	Quinacridone Red 3276	X	4	
557	Raw Umber Light 8073	X	1	
558	Raw Umber (green shade)	X	1	8083
547	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

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01-20-03

MATERIAL SAFETY DATA SHEET



This sheet is a substitute for the OSHA non-mandatory Form 174 and is intended to comply with the OSHA Hazard Communication Standard 29CFR 1910.1200.

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.

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MATERIAL SAFETY DATA:

17/11/94

30 964 W&N ANCILLIARIES

ODOURLESS SOLVENT, SANSODOR

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. %
Low aromatic hydrocarbon solvent			100.00

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point : > 200 °C Specific gravity : 0.78 -
 Vapor pressure : no data Evaporation rate (BuAc=1) : < 1
 Vapor density : no data Solubility in water : Insoluble
 Appearance and odor : Colourless liquid, low odour

FIRE AND EXPLOSION HAZARD DATA

Flash point (closed cup): 70 °C Flammability limits : upper : 7.0 %
 Autoignition temperature: 230 °C lower : 0.2 %
 Fire precautions : none
 Extinguishing media: Carbon dioxide, dry chemical. DO NOT USE WATER JETS
 Special hazards : none

REACTIVITY DATA

Stable : yes Incompatibility: none known
 Hazardous decomposition : no
 Hazardous polymerisation : no

HEALTH HAZARD DATA

Liquid and vapour irritating to eyes and skin. Excessive exposure can cause headache, dizziness. Prolonged contact with skin can cause dermatitis.

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 water
 Remove contaminated clothing

Inhalation : Remove to fresh air Get medical attention

Ingestion : Give water to drink
 Get medical attention

V4565

12-12-03 ✓
Material Safety Data Sheet

00445.2013
-2014
-2016

WINSOR & NEWTON LIQUIN LIGHT GEL

Section I

CoArt 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 02/10/2003

Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Low aromatic petroleum hydrocarbons	64742-47-8	no data	no data
2-Butanone oxime	96-29-7	no data	no data

Section III Physical/Chemical Characteristics

Boiling Point:	150-200 °C	Specific Gravity:	0.88
Vapour pressure:	no data	Melting Point:	n/a °C
Vapour density:	no data	Evaporation rate:	BuAc=1 < 1
Solubility in water:	Insoluble		
Appearance and odour:	Pale amber liquid. Low hydrocarbon odour		

Section IV Fire and Explosion Hazard Data

Flash Point:	ca. 70 °C	closed cup	Flammable limits	LEL: 0.9
				UEL: 6.0
Extinguishing Media:	Carbon dioxide, dry chemical, foam.			
Special Fire Fighting Procedures:	Combustible			
Unusual Fire and Explosion Hazards:	none			

Section V Reactivity Data

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

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Section VI Health Hazard Data

Route of Entry	Inhalation?	<input checked="" type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
Health Hazards:						
Inhalation of large quantities of vapour may cause dizziness, headache.						
Prolonged contact with skin may cause irritation.						
Carcinogenicity :	NTP:	n/a	IARC Monographs:	n/a		
	OSHA Regulated	n/a				
Signs and Symptoms of Exposure			Nausea, headache.			
Medical Conditions aggravated by exposure			Pre-existing respiratory disorders			
First Aid Procedures						
Eyes:	Wash with water for 10 minutes					
Skin:	Wash off with soap and 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
	Sweep up immediately
Waste Disposal Method	Controlled landfill
	As toxic waste
Precautions to be taken in Handling and Storage	
	Normal hygiene
	Avoid contact with skin
	Keep in closed containers
	Avoid extremes of temperature
Other precautions	None

Section VIII Control Measures

Respiratory protection	:if large quantities being used NIOSH mask		
Ventilation	:Ensure good extraction/ventilation		
	Local exhaust	fan	
	Mechanical	Fume hood advisable for large quantities	
Protective gloves	:Not required	Eye protection	:if handling large quantities
Other protective equipment	:Protective clothing		
Work/Hygenic Practices	:Avoid contact with skin and eyes		
	: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

DANGER: VAPOR HARMFUL. CONTAINS PETROLEUM DISTILLATES. Use only with adequate ventilation. KEEP OUT OF REACH OF CHILDREN.

If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Get prompt medical attention.