

# 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-man-

datory 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.



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No Health Labeling Required

245946/121-100

MATERIAL SAFETY DATA:

Rcvd April 2002

17/11/94

14 000 WINTON 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 : 1.00 -3.00  
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

# 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-man-

datory information as a service to users of Winsor & Newton products.

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No Health Labeling Required

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## PRECAUTIONS FOR SAFE HANDLING AND USE

In case of spillage : Absorb on inert substrate

Place in suitable container for disposal

Waste disposal : Controlled landfill

According to local regulations

Handling : Normal hygiene

Avoid contact with skin

Storage : Away from heat

**NO HEALTH LABELING REQUIRED**

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## CONTROL MEASURES

Personal : Avoid prolonged contact

Use barrier creams

Ventilation: n/a

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

Date	Salesman	Ship When	Via
Order No.	Buyer	Customer No.	
Sold To.			

SPECIAL INSTRUCTIONS HANDLING INFORMATION SHEET WINTON OIL COLOURS  
(NOT OTHERWISE SPECIFIED)

THE PRECEDING PAGES REFER TO COLOURS MARKED 'X' BELOW

## Winton Oil Colours

CODE	TUBE NO.	COLOUR NAME	SERIES	CODE PREFIX		CODE	TUBE NO.	COLOUR NAME	SERIES	CODE PREFIX	
				1414 37ml QTY	1437 200ml QTY					1414 37ml QTY	1437 200ml QTY
004	1	Alizarin Crimson	1	X	X	317	23	Indian Red	1	X	X
074	2	Burnt Sienna	1	X	X	331	24	Ivory Black	1	X	X
076	3	Burnt Umber	1	X	X	337	25	Lamp Black	1	X	X
086	60	Cadmium Lemon	2			346	26	Lemon Yellow Hue	1	X	X
089	61	Cadmium Orange	2			362	27	Light Red	1	X	X
090	4	Cadmium Orange Hue	1	X	X	380	28	Magenta	1	X	X
095	5	Cadmium Red Hue	1	X	X	422	29	Naples Yellow Hue	1	X	X
098	6	Cadmium Red Deep Hue	1	X	X	459	31	Oxide of Chromium	1	X	X
099	63	Cadmium Red Medium	2			465	32	Payne's Gray	1	X	X
100	62	Cadmium Red Light	2			483	48	Permanent Green Light	1	X	X
109	9	Cadmium Yellow Hue	1	X	X	502	49	Permanent Rose	1	X	X
113	64	Cadmium Yellow Light	2			516	30	Phthalo Blue	1	X	X
115	46	Cadmium Yellow Deep Hue	1	X	X	538	33	Prussian Blue	1	X	X
116	65	Cadmium Yellow Medium	2			552	34	Raw Sienna	1	X	X
119	8	Cadmium Yellow Pale Hue	1	X	X	554	35	Raw Umber	1	X	X
137	66	Cerulean Blue	2			599	37	Sap Green	1	X	X
138	10	Cerulean Blue Hue	1	X	X	637	39	Terre Verte	1	X	X
178	67	Cobalt Blue	2			644	40	Titanium White	1		
179	15	Colbalt Blue Hue	1			676	41	Vandyke Brown	1	X	X
194	16	Colbalt Violet Hue	1			682	42	Vermillion Hue	1		
229	47	Dioxazine Purple	1	X	X	692	68	Viridian	2	X	X
245	19	Flake White	1			696	43	Viridian Hue	1	X	X
257	20	Flesh Tint	1			744	44	Yellow Ochre	1	X	X
263	21	French Ultramarine	1	X	X	748	45	Zinc White	1		
Soft Mixing White						ASSORTMENTS Perm. Alizarin Crimson X					
CODE	DESCRIPTION										QUANTITY
1494914(R)	37ml Assortment 3 tubes each of 48 colours. Rack Dimensions: 22 1/4"W x 38" H x 12" D										
1494902(R)	200ml Assortment 3 tubes each of 48 colours. Rack Dimensions: 35 1/4"W x 38" H x 12" D										

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

(R) Suffix denotes Assortment plus Display. Circle (R) if Display is required.

All orders subject to acceptance and approval at head office

# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

COBALT BLUE HUE

## 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 01/06/00

## 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	1.6 -
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 Blue		

## 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			

## 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.			
Zinc oxide pigment contains less than 1 ppm soluble lead.			
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	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

**Section VIII Control Measures**

<b>Respiratory protection</b>	Not required		
<b>Ventilation</b>	n/a		
	<b>Local exhaust</b>	n/a	
	<b>Mechanical</b>	n/a	
<b>Protective gloves</b>	Not required	<b>Eye protection</b>	Not required
<b>Other protective equipment</b>	Protective clothing		
<b>Work/Hygenic Practices</b>	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

# Material Safety Data Sheet

WINSOR &amp; NEWTON WINTON OIL COLOUR

FLESH TINT

## 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 01/06/00

## 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	1.6 -
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	Pink 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			

**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.			
Zinc oxide pigment contains less than 1 ppm soluble lead.			
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	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



**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

## Material Safety Data Sheet

WINSOR &amp; NEWTON WINTON 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 01/06/00

## 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	1.6	-
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			

## 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.			
Zinc oxide pigment contains less than 1 ppm soluble lead.			
<b>Carcinogenicity :</b>	NTP: n/a	IARC Monographs: n/a	
	OSHA Regulated: n/a		
<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.			
<b>Signs and Symptoms of Exposure</b>	No data		
<b>Medical Conditions aggravated by exposure</b>	Pre-existing skin disorders		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	Wash with water for 10 minutes		
	If irritation persists get medical attention		
<b>Skin:</b>	Wash off with soap and water		
<b>Inhalation:</b>	Not applicable		
<b>Ingestion:</b>	Give water to drink		
	Get medical attention		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	Absorb on inert substrate
Sweep up immediately	
<b>Waste Disposal Method</b>	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	
<b>Other precautions</b>	none

**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

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## Material Safety Data Sheet

WINSOR &amp; NEWTON WINTON OIL COLOUR

ZINC 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 01/06/00

## 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	1.6 -
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			

## 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.			
Zinc oxide pigment contains less than 1 ppm soluble lead.			
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	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

**Section VIII Control Measures**

<b>Respiratory protection</b>	Not required		
<b>Ventilation</b>	n/a		
	<b>Local exhaust</b>	:n/a	
	<b>Mechanical</b>	:n/a	
<b>Protective gloves</b>	Not required	<b>Eye protection</b>	Not required
<b>Other protective equipment</b>	Protective clothing		
<b>Work/Hygenic Practices</b>	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