

# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

Not otherwise specified

## 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 03/10/2002

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
none			

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.4	1.8
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	Coloured paste.Linseed 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

<b>Route of Entry</b>	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.						
<b>Carcinogenicity :</b>	NTP:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="n/a"/>				
<b>Signs and Symptoms of Exposure</b>						
						<input type="text" value="No data"/>
<b>Medical Conditions aggravated by exposure</b>						
						<input type="text" value="Pre-existing skin disorders"/>
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CADMIUM LEMON

## 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.7
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	Yellow paste.Linseed 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

<b>Route of Entry</b>	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 cadmium content in pigment is less than 5 ppm and should not						
constitute a health hazard unless large quantities are absorbed by the body.						
<b>Carcinogenicity :</b>	NTP:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="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.						
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>					
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>					
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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 normally 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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CADMIUM ORANGE

## 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cadmium sulphoselenide	12626-36-7	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.7
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	Orange paste.Linseed 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

<b>Route of Entry</b>	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 cadmium content in pigment is less than 5 ppm and should not						
constitute a health hazard unless large quantities are absorbed by the body.						
<b>Carcinogenicity :</b>	NTP:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="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.						
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>					
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>					
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CADMIUM RED LIGHT

## 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cadmium sulphoselenide	12626-36-7	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.7
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	Orange paste.Linseed 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

<b>Route of Entry</b>	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 cadmium content in pigment is less than 5 ppm and should not			
constitute a health hazard unless large quantities are absorbed by the body.			
<b>Carcinogenicity :</b>	NTP: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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.			
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
	<input type="text"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
	<input type="text"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CADMIUM RED MEDIUM

## 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cadmium sulphoselenide	12626-36-7	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.7
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	Red paste.Linseed 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

<b>Route of Entry</b>	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 cadmium content in pigment is less than 5 ppm and should not			
constitute a health hazard unless large quantities are absorbed by the body.			
<b>Carcinogenicity :</b>	NTP: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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.			
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CADMIUM YELLOW LIGHT

## 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.7
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	Yellow paste.Linseed 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

<b>Route of Entry</b>	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 cadmium content in pigment is less than 5 ppm and should not constitute a health hazard unless large quantities are absorbed by the body.			
<b>Carcinogenicity :</b>	NTP: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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.			
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
	<input type="text"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
	<input type="text"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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 normally 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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CADMIUM YELLOW MEDIUM

## 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cadmium sulphoselenide	12626-36-7	0.2 mg/m3	0.01 as Cd mg/m3
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.7
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	Yellow paste.Linseed 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

<b>Route of Entry</b>	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 cadmium content in pigment is less than 5 ppm and should not constitute a health hazard unless large quantities are absorbed by the body.			
<b>Carcinogenicity :</b>	NTP: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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.			
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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 normally 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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

CERULEAN 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 01/06/2000

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

## Section VI Health Hazard Data

<b>Route of Entry</b>	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:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="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>	<input type="text" value="No data"/>					
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>					
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

COBALT BLUE (GENUINE)

## 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 17/11/1994

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Cobalt/aluminium oxide Pigment Blue 28			0.02 mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point: > 300 ° C Specific Gravity 1.7  
Vapour pressure: n/a Melting Point: ° C  
Vapour density: n/a Evaporation rate BuAc=1 n/a  
Solubility in water : Insoluble  
Appearance and odour Blue paste.Linseed 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 :  
Stable : yes  
Conditions to avoid :  
Incompatibility: Combustible matter eg.cotton waste  
Hazardous Decomposition Acrolein may be evolved in a fire  
Hazardous Polymerisation no

## Section VI Health Hazard Data

<b>Route of Entry</b>	Inhalation? <input type="checkbox"/>	Skin? <input type="checkbox"/>	Ingestion? <input type="checkbox"/>
<b>Health Hazards:</b>			
Prolonged contact with skin could cause dermatitis.			
Soluble cobalt may cause allergic reaction in contact with skin.			
<b>Carcinogenicity :</b>	NTP: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="n/a"/>		
<b>Signs and Symptoms of Exposure</b>	<input type="text"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
	<input type="text"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
	<input type="text"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
	<input type="text" value="Other precautions"/>
	<input type="text"/>

**Section VIII      Control Measures**

<b>Respiratory protection</b>	<input type="text"/>		
<b>Ventilation</b>	<input type="text" value="n/a"/>		
<b>Local exhaust</b>	<input type="text"/>		
<b>Mechanical</b>	<input type="text"/>		
<b>Protective gloves</b>	<input type="text"/>	<b>Eye protection</b>	<input type="text"/>
<b>Other protective equipment</b>	<input type="text"/>		
<b>Work/Hygenic Practices</b>	<input type="text" value="Avoid ingestion"/>		
	<input type="text" value="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 & 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 01/06/2000

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

## Section VI Health Hazard Data

<b>Route of Entry</b>	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:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="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>	<input type="text" value="No data"/>					
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>					
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

EMERALD GREEN

## 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 01/06/2000

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

## Section VI Health Hazard Data

<b>Route of Entry</b>	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:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="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>	<input type="text" value="No data"/>					
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>					
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

FLAKE 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 31/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Lead carbonate	00598-63-0	no data	0.05 as Pb mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point: > 300 ° C Specific Gravity 2.4  
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  
Stable : yes  
Conditions to avoid : none known  
Incompatibility: Combustible matter eg.cotton waste  
Hazardous Decomposition Acrolein and lead fumes may be evolved in a fire  
Hazardous Polymerisation no

## Section VI Health Hazard Data

<b>Route of Entry</b>	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.			
Cumulative poison (lead). Harmful if swallowed. May effect unborn child.			
<b>Carcinogenicity :</b>	NTP: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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>	<input type="text" value="Colic, constipation, anaemia."/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="May affect pregnancy."/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

WARNING: MAY BE HARMFUL IF SWALLOWED. CANCER AGENT BASED ON EXPERIMENTAL DATA. EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS. EXPOSURE MAY CAUSE DAMAGE TO THE TESTES OR DIFFICULTY WITH REPRODUCTION. EXPOSURE MAY CAUSE NERVOUS SYSTEM,

KIDNEY OR BONE MARROW DAMAGE. AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY . KEEP OUT OF REACH OF CHILDREN. CONTAINS SOLUBLE LEAD.

# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

FLAKE WHITE 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 01/06/2000

## 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 1.7  
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  
Stable : yes  
Conditions to avoid : none known  
Incompatibility: Combustible matter eg.cotton waste  
Hazardous Decomposition Acrolein may be evolved in a fire  
Hazardous Polymerisation no

## Section VI Health Hazard Data

<b>Route of Entry</b>	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:	<input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>		
	OSHA Regulated	<input type="text" value="n/a"/>				
<p>WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.</p>						
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="No data"/>					
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>					
<b>First Aid Procedures</b>						
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>					
	<input type="text" value="If irritation persists get medical attention"/>					
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>					
	<input type="text"/>					
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>					
	<input type="text"/>					
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>					
	<input type="text" value="Get medical attention"/>					

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & 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 01/06/2000

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

## Section VI Health Hazard Data

<b>Route of Entry</b>	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: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
	<input type="text"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
	<input type="text"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

MIXING 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 01/06/2000

## 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

<b>Route of Entry</b>	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: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & 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 01/06/2000

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

## Section VI Health Hazard Data

<b>Route of Entry</b>	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: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & NEWTON WINTON OIL COLOUR

VERMILION 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 01/06/2000

## 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	Red 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

<b>Route of Entry</b>	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: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
	<input type="text"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
	<input type="text"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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# Material Safety Data Sheet

WINSOR & 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 01/06/2000

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

## Section VI Health Hazard Data

<b>Route of Entry</b>	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: <input type="text" value="n/a"/>	IARC Monographs: <input type="text" value="n/a"/>	
	OSHA Regulated <input type="text" value="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>	<input type="text" value="No data"/>		
<b>Medical Conditions aggravated by exposure</b>	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
<b>Skin:</b>	<input type="text" value="Wash off with soap and water"/>		
	<input type="text"/>		
<b>Inhalation:</b>	<input type="text" value="Not applicable"/>		
	<input type="text"/>		
<b>Ingestion:</b>	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

## Section VII Precautions for Safe Handling and Use

<b>Steps to be taken if material is spilled</b>	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Sweep up immediately"/>
<b>Waste Disposal Method</b>	<input type="text" value="According to local regulations"/>
	<input type="text" value="As toxic waste"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text" value="Avoid contact with skin"/>
	<input type="text" value="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="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

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