

3489.

Material Safety Data Sheet

WINSOR & NEWTON GALERIA ACRYLIC 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
Ammonium hydroxide	1336-21-6	no data	25 ppm

Section III Physical/Chemical Characteristics

Boiling Point: > 100 °C Specific Gravity 1.3 1.5  
 Vapour pressure: ca.17mm Hg Melting Point: n/a °C  
 Vapour density: as water Evaporation rate BuAc=1 0.36  
 Solubility in water : Dilutable  
 Appearance and odour Soft coloured paste.Slight ammoniacal/monomer odour

Section IV Fire and Explosion Hazard Data

Flash Point n/a °C closed cup Flammable limits LEL: n/a  
 UEL: n/a  
 Extinguishing Media Use media appropriate to surrounding conditions  
 Special Fire Fighting Procedures May spatter above boiling point.Dry films will burn.  
 Unusual Fire and Explosion Hazards May spatter above boiling point. Dry films will burn.

Section V Reactivity Data

Stability : Unstable :  Conditions to avoid :   
 Stable : yes  
 Incompatibility: Acidic media  
 Hazardous Decomposition Carbon oxides,monomer fumes in fire  
 Hazardous Polymerisation none

## Section VI Health Hazard Data

<b>Route of Entry</b>	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
<b>Health Hazards:</b>			
Residual monomer and ammonia may be irritating to eyes and respiratory system.			
May cause headache, nausea and skin irritation.			
<b>Carcinogenicity :</b>	NTP: n/a	IARC Monographs: n/a	
	OSHA Regulated	n/a	
<b>Signs and Symptoms of Exposure</b>	Irritation of eyes and respiratory system		
<b>Medical Conditions aggravated by exposure</b>	Pre-existing skin/respiratory disorders		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	Wash with water for 15 minutes		
	Get medical attention		
<b>Skin:</b>	Wash off with water		
<b>Inhalation:</b>	Remove to fresh air		
<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
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Avoid unnecessary personal contact	
Avoid extremes of temperature	
<b>Other precautions</b>	none

**Section VIII      Control Measures**

<b>Respiratory protection</b>	Not normally required
<b>Ventilation</b>	Ensure good extraction/ventilation
<b>Local exhaust</b>	Not normally required
<b>Mechanical</b>	Not normally required
<b>Protective gloves</b>	Not required
<b>Eye protection</b>	if handling large quantities
<b>Other protective equipment</b>	Protective clothing
<b>Work/Hygenic Practices</b>	Avoid contact with skin and eyes
	Avoid inhalation

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 GALERIA ACRYLIC 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 30/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Ammonium hydroxide	1336-21-6	no data	25 ppm
Cadmium sulphoselenide	12626-36-7	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100 °C	Specific Gravity	1.4
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a °C
Vapour density:	as water	Evaporation rate	BuAc=1 0.36
Solubility in water :	Dilutable		
Appearance and odour	Soft red paste.Slight ammoniacal/monomer odour		

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a °C closed cup	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	Use media appropriate to surrounding conditions		
Special Fire Fighting Procedures	Wear self contained breathing apparatus.		
Unusual Fire and Explosion Hazards	May spatter above boiling point. Dry films will burn		

## Section V Reactivity Data

Stability :	Unstable : no Stable : yes	Conditions to avoid :	none
Incompatibility:	Acidic media		
Hazardous Decomposition	Carbon oxides, monomer fumes in fire		
Hazardous Polymerisation	none		

## Section VI Health Hazard Data

<b>Route of Entry</b>	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
<b>Health Hazards:</b>			
Residual monomer and ammonia may be irritating to eyes and respiratory system.			
May cause headache, nausea and skin irritation. Soluble cadmium level in pigment is less than 5 ppm and should not represent a health hazard.			
<b>Carcinogenicity :</b>	NTP: n/a	IARC Monographs: n/a	
	OSHA Regulated	n/a	
WARNING: DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.			
<b>Signs and Symptoms of Exposure</b>	Irritation of eyes and respiratory system		
<b>Medical Conditions aggravated by exposure</b>	Pre-existing skin/respiratory disorders		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	Wash with water for 15 minutes		
	Get medical attention		
<b>Skin:</b>	Wash off with water		
<b>Inhalation:</b>	Remove to fresh air		
<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 unnecessary personal contact
	Avoid extremes of temperature
<b>Other precautions</b>	none

**Section VIII      Control Measures**

<b>Respiratory protection</b>	Not normally required
<b>Ventilation</b>	Ensure good extraction/ventilation
<b>Local exhaust</b>	Not normally required
<b>Mechanical</b>	
<b>Protective gloves</b>	Not required
<b>Eye protection</b>	If handling large quantities
<b>Other protective equipment</b>	Protective clothing
<b>Work/Hygenic Practices</b>	Avoid contact with skin and eyes
	Avoid inhalation

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.

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# Material Safety Data Sheet

WINSOR & NEWTON GALERIA ACRYLIC COLOUR

CADMIUM RED MEDIUM

## Section I

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11 Constitution Avenue  
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Telephone Number for Information 732- 562- 0770  
Date prepared 30/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Ammonium hydroxide	1336-21-6	no data	25 ppm
Cadmium sulphoselenide	12626-36-7	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100 °C	Specific Gravity	1.4
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a °C
Vapour density:	as water	Evaporation rate	BuAc=1 0.36
Solubility in water :	Dilutable		
Appearance and odour	Soft red paste.Slight ammoniacal/monomer odour		

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a °C	closed cup	Flammable limits	LEL: n/a	UEL: n/a
Extinguishing Media	Use media appropriate to surrounding conditions				
Special Fire Fighting Procedures	Wear self contained breathing apparatus.				
Unusual Fire and Explosion Hazards	May spatter above boiling point. Dry films will burn				

## Section V Reactivity Data

Stability : Unstable :	no	Conditions to avoid :	none
Stable :	yes		
Incompatibility:	Acidic media		
Hazardous Decomposition	Carbon oxides, monomer fumes in fire		
Hazardous Polymerisation	none		

## Section VI Health Hazard Data

<b>Route of Entry</b>	Inhalation?	<input checked="" type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
<b>Health Hazards:</b>						
Residual monomer and ammonia may be irritating to eyes and respiratory system.						
May cause headache, nausea and skin irritation. Soluble cadmium level in pigment						
is less than 5 ppm and should not represent a health hazard.						
<b>Carcinogenicity :</b>						
NTP:		n/a	IARC Monographs:		n/a	
OSHA Regulated		n/a				
WARNING: DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.						
<b>Signs and Symptoms of Exposure</b>			Irritation of eyes and respiratory system			
<b>Medical Conditions aggravated by exposure</b>			Pre-existing skin/respiratory disorders			
<b>First Aid Procedures</b>						
<b>Eyes:</b>	Wash with water for 15 minutes					
	Get medical attention					
<b>Skin:</b>	Wash off with water					
<b>Inhalation:</b>	Remove to fresh air					
<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 unnecessary personal contact	
Avoid extremes of temperature	
<b>Other precautions</b>	none



**Section VIII Control Measures**

<b>Respiratory protection</b>	Not normally required
<b>Ventilation</b>	Ensure good extraction/ventilation
<b>Local exhaust</b>	Not normally required
<b>Mechanical</b>	
<b>Protective gloves</b>	Not required
<b>Eye protection</b>	If handling large quantities
<b>Other protective equipment</b>	Protective clothing
<b>Work/Hygenic Practices</b>	Avoid contact with skin and eyes
	Avoid inhalation

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# Material Safety Data Sheet

WINSOR & NEWTON GALERIA ACRYLIC 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 30/05/2000

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Ammonium hydroxide	1336-21-6	no data	25 ppm
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100 °C	Specific Gravity	1.4
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a °C
Vapour density:	as water	Evaporation rate	BuAc=1 0.36
Solubility in water :	Dilutable		
Appearance and odour	Soft yellow paste.Slight ammoniacal/monomer odour		

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a °C closed cup	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	Use media appropriate to surrounding conditions		
Special Fire Fighting Procedures	May spatter above boiling point.Dry films will burn.		
Unusual Fire and Explosion Hazards	May spatter above boiling point. Dry films will burn.		

## Section V Reactivity Data

Stability :	Unstable : Stable : yes	Conditions to avoid :	
Incompatibility:	Acidic media		
Hazardous Decomposition	Carbon oxides, monomer fumes in fire		
Hazardous Polymerisation	none		

## Section VI Health Hazard Data

<b>Route of Entry</b>	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
<b>Health Hazards:</b>			
Residual monomer and ammonia may be irritating to eyes and respiratory system.			
May cause headache, nausea and skin irritation. Soluble cadmium content in pigment less than 5 ppm and should not represent a health hazard.			
<b>Carcinogenicity :</b>	NTP: n/a	IARC Monographs: n/a	
	OSHA Regulated	n/a	
WARNING: DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.			
<b>Signs and Symptoms of Exposure</b>	Irritation of eyes and respiratory system		
<b>Medical Conditions aggravated by exposure</b>	Pre-existing skin/respiratory disorders		
<b>First Aid Procedures</b>			
<b>Eyes:</b>	Wash with water for 15 minutes		
	Get medical attention		
<b>Skin:</b>	Wash off with water		
<b>Inhalation:</b>	Remove to fresh air		
<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 unnecessary personal contact	
Avoid extremes of temperature	
<b>Other precautions</b>	none

**Section VIII      Control Measures**

<b>Respiratory protection</b>	Not normally required
<b>Ventilation</b>	Ensure good extraction/ventilation
<b>Local exhaust</b>	Not normally required
<b>Mechanical</b>	Not normally required
<b>Protective gloves</b>	Not required
<b>Eye protection</b>	if handling large quantities
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# Material Safety Data Sheet

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CADMIUM YELLOW MEDIUM

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Boiling Point:	> 100 °C	Specific Gravity	1.4
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a °C
Vapour density:	as water	Evaporation rate	BuAc=1 0.36
Solubility in water :	Dilutable		
Appearance and odour	Soft yellow paste.Slight ammoniacal/monomer odour		

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a °C closed cup	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	Use media appropriate to surrounding conditions		
Special Fire Fighting Procedures	May spatter above boiling point.Dry films will burn.		
Unusual Fire and Explosion Hazards	May spatter above boiling point. Dry films will burn.		

## Section V Reactivity Data

Stability :	Unstable : Stable : yes	Conditions to avoid :	
Incompatibility:	Acidic media		
Hazardous Decomposition	Carbon oxides,monomer fumes in fire		
Hazardous Polymerisation	none		

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<b>Route of Entry</b>	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
<b>Health Hazards:</b>			
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May cause headache, nausea and skin irritation. Soluble cadmium content in pigment less than 5 ppm and should not represent a health hazard.			
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<b>Medical Conditions aggravated by exposure</b>	Pre-existing skin/respiratory disorders		
<b>First Aid Procedures</b>			
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	Get medical attention		
<b>Skin:</b>	Wash off with water		
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<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
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<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Avoid unnecessary personal contact	
Avoid extremes of temperature	
<b>Other precautions</b>	none

**Section VIII      Control Measures**

<b>Respiratory protection</b>	Not normally required
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<b>Mechanical</b>	Not normally required
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