

HANDLING INFORMATION SHEET

10367.

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.



No Health Labeling Required

9717407

IDENTITY WINSOR & NEWTON GALERIA Acrylics (all colors in range)

page 1 of 2

Area of use: artistic painting

Section I

Importer's Name: ColArt Americas Inc.
Address: 11 Constitution Avenue,
Piscataway NJ 08855 - 1396

Emergency Telephone Number: 1-800-628-3385 (Piscataway, NJ 08855)
Telephone Number for Information: (201) 682-0770
Date Prepared: DEC 93

Section II - Hazardous Ingredients / Identity Information

Hazardous Components	CAS#	ACGIH TLV	Percent (w/w)	NTP	IARC
ammonia	7664-41-7	17 mg/m ³	0.2	no	no

Section III - Physical/Chemical Characteristics

Bolling Point	: > 100°C	Specific Gravity	: 1100/1400 kg/m ³
Vapor Pressure (mm Hg)	: 17	Melting Point	: n.a
Vapor Density	: water	Evaporation Rate	: 0.38 (Butyl Acetate = 1)
Solubility in Water	: miscible	Appearance and Odor	: viscous liquid - color as named - ammonia odor

Section IV - Fire and Explosion Hazard Data

Flash Point	: n.a.
Extinguishing Media	: foam, carbon dioxide, powder, water
Special Fire Fighting Procedures	: wear autonomous breathing equipment when entering smoke filled premises.
Unusual Fire and Explosion Hazards	: not combustible, not explosive.

Section V - Reactivity Data

Stability: Stable	Incompatibility (Materials to Avoid): none	Conditions to Avoid: none
Hazardous Decomposition or Byproducts: oxides of carbon and acrylic monomers may evolve in a fire.		
Hazardous Polymerisation: will not occur	Conditions to Avoid: none	

Section VI - Transportation Data

IMO page No.: n/a	Class: n/a	UN No.: n/a	Hazard Concentration: n/a
Shipping Name: non hazardous			

HANDLING INFORMATION SHEET

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

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No Health Labeling Required

IDENTITY WINSOR & NEWTON GALERIA Acryllos (all colors in range)

page 2 of 2

Section VII - Health Hazard Data

Route(s) of Entry : Inhalation : possible

Skin : unlikely

Ingestion : possible

Health Hazards (Acute and Chronic) :

Carcinogenicity : NTP : no
(see Section II for components affected)

IARC Monographs : no

OSHA Regulated : no

Signs and Symptoms of Exposure : none expected
expected

Medical Conditions Generally Aggravated by Exposure : none

Emergency and First Aid Procedures :

Inhalation : Move subject to fresh air and treat symptomatically. Seek medical attention. Keep the patient warm.

skin contact : Wash with soap and water and rinse well. Seek medical attention if irritation occurs.

eye contact : Rinse with copious amounts of water (10 to 15 minutes) and seek medical attention.

Ingestion : Ingestion of large quantities may cause discomfort. Seek medical attention.

Section VIII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled : Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain spill with inert material (sand, earth or sawdust). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoffs out of local sewers and open bodies of water.

Waste Disposal Method : Destruction of products or containers should be performed according to local and national regulations. Incineration should be carried out only at an approved site. Do not incinerate closed containers.

Precautions to Be Taken in Handling and Storing : Storage areas must be kept tidy and should be cleaned frequently. Regularly washed work clothes must be provided for the personnel. Good industrial and personal hygiene should be observed. Food and drink must not be allowed in the storage area.

Other Precautions : none required.

Section IX - Control Measures

Respiratory Protection : None required in normal usage. Use NIOSH-certified mask for mists and dusts when spray applying.

Ventilation : Local Exhaust : none required
Mechanical (General) : none required

Special : none required
Other : none required

Protective Gloves : none required

Eye Protection : splash goggles (when handling or transferring bulk quantities).

Other Protective Clothing or Equipment : none required

Work/Hygiene Practices : none required

THE INFORMATION CONTAINED HEREIN IS PROVIDED IN GOOD FAITH AND IS BASED ON OUR KNOWLEDGE OF THE PRODUCT CONCERNED AT THE DATE OF ISSUE. IT IS PROVIDED FOR THE PURPOSE OF DISCLOSING PRODUCT HAZARDS AND DOES NOT CONSTITUTE PRODUCT SPECIFICATIONS. ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, ARE HEREBY DISCLAIMED. USERS SHOULD BEAR IN MIND THAT RISKS MAY ARISE WHEN A PRODUCT IS PUT TO USES OTHER THAN THOSE FOR WHICH IT IS INTENDED.

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 30/05/00

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**Route of Entry**

Inhalation?



Skin?



Ingestion?

**Health Hazards:**

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.

Carcinogenicity :

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.

Signs and Symptoms of Exposure

Irritation of eyes and respiratory system

Medical Conditions aggravated by exposure

Pre-existing skin/respiratory disorders

First Aid Procedures**Eyes:**

Wash with water for 15 minutes

Get medical attention

Skin:

Wash off with water

Inhalation:

Remove to fresh air

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

Precautions to be taken in Handling and Storage

Normal hygiene

Avoid unnecessary personal contact

Avoid extremes of temperature

Other precautions

none

Section VIII Control Measures

Respiratory protection		Not normally required
Ventilation	Ensure good extraction/ventilation	
	Local exhaust	Not normally required
	Mechanical	
Protective gloves	Not required	Eye protection If handling large quantities
Other protective equipment		Protective clothing
Work/Hygenic Practices		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

Material Safety Data Sheet

WINSOR & NEWTON GALERIA ACRYLIC 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 30/05/00

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

Route of Entry	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
Health Hazards:			
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.			
Carcinogenicity :	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.			
Signs and Symptoms of Exposure	Irritation of eyes and respiratory system		
Medical Conditions aggravated by exposure	Pre-existing skin/respiratory disorders		
First Aid Procedures			
Eyes:	Wash with water for 15 minutes Get medical attention		
Skin:	Wash off with water		
Inhalation:	Remove to fresh air		
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	
Precautions to be taken in Handling and Storage	
Normal hygiene	
Avoid unnecessary personal contact	
Avoid extremes of temperature	
Other precautions	none

Section VIII Control Measures

Respiratory protection	Not normally required		
Ventilation	Ensure good extraction/ventilation		
	Local exhaust	Not normally required	
	Mechanical		
Protective gloves	Not required	Eye protection	If handling large quantities
Other protective equipment	Protective clothing		
Work/Hygenic Practices	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

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 30/05/00

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

Section VI Health Hazard Data

Route of Entry	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
Health Hazards:			
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.			
Carcinogenicity :	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.			
Signs and Symptoms of Exposure		Irritation of eyes and respiratory system	
Medical Conditions aggravated by exposure		Pre-existing skin/respiratory disorders	
First Aid Procedures			
Eyes:	Wash with water for 15 minutes Get medical attention		
Skin:	Wash off with water		
Inhalation:	Remove to fresh air		
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	
Precautions to be taken in Handling and Storage	
Normal hygiene	
Avoid unnecessary personal contact	
Avoid extremes of temperature	
Other precautions	none

Section VIII Control Measures

Respiratory protection		Not normally required	
Ventilation	Ensure good extraction/ventilation		
	Local exhaust	Not normally required	
	Mechanical	Not normally required	
Protective gloves	Not required	Eye protection	if handling large quantities
Other protective equipment		Protective clothing	
Work/Hygenic Practices		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 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 30/05/00

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

Section VI Health Hazard Data**Route of Entry**

Inhalation?



Skin?



Ingestion?

**Health Hazards:**

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.

Carcinogenicity :

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.

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Irritation of eyes and respiratory system

Medical Conditions aggravated by exposure

Pre-existing skin/respiratory disorders

First Aid Procedures**Eyes:**

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Skin:

Wash off with water

Inhalation:

Remove to fresh air

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

Precautions to be taken in Handling and Storage

Normal hygiene

Avoid unnecessary personal contact

Avoid extremes of temperature

Other precautions

none

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

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