

**00325-1000**  
**-1029**

## Material Safety Data Sheet

WINSOR & NEWTON COTMAN WATER 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
4-chloro-3,5-xyleneol	00088-04-0		

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100 ° C	Specific Gravity	1.3; 1.8
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a ° C
Vapour density:	as water	Evaporation rate	BuAc=1 0.36
Solubility in water :	Miscible		
Appearance and odour	Soft coloured paste.		

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a ° C	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	n/a		
Special Fire Fighting Procedures	Will burn when water evaporates		
Unusual Fire and Explosion Hazards	n/a		

## Section V Reactivity Data

Stability : Unstable :	no	Conditions to avoid :	none known
Stable :	yes		
Incompatibility:	none known		
Hazardous Decomposition	Hydrogen sulphide liberated by acids		
Hazardous Polymerisation	no		

**Section VI Health Hazard Data**

Route of Entry	Inhalation?	<input type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
<b>Health Hazards:</b>						
Prolonged contact with skin could cause irritation.						
Carcinogenicity :	NTP:	n/a	IARC Monographs:	n/a		
	OSHA Regulated	n/a				
<b>Signs and Symptoms of Exposure</b> None known						
<b>Medical Conditions aggravated by exposure</b> Pre-existing skin disorders						
<b>First Aid Procedures</b>						
Eyes:	Wash with water for 10 minutes					
	If irritation persists get medical attention					
Skin:	Wash off with water					
Inhalation:	Remove from exposure					
Ingestion:	Wash out mouth with water					
	Get medical attention					

**Section VII Precautions for Safe Handling and Use**

Steps to be taken if material is spilled	Absorb on inert substrate
	Mop up with plenty of water
Waste Disposal Method	According to local regulations
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Keep in closed containers	
Avoid extremes of temperature	
Other precautions	None

**Section VIII Control Measures**

Respiratory protection	Not required
Ventilation	Not normally required
Local exhaust	Not required
Mechanical	Not required
Protective gloves	Not required
Eye protection	Not normally required
Other protective equipment	Protective clothing
Work/Hygenic Practices	Avoid prolonged contact

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in conformity with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards

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## Material Safety Data Sheet

WINSOR &amp; NEWTON COTMAN WATER COLOUR CHINESE 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
4-chloro-3,5-xyleneol	00088-04-0	no data	no data

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100 °C	Specific Gravity	1.6
Vapour pressure:	ca.17mm Hg	Melting Point:	n/a °C
Vapour density:	as water	Evaporation rate	BuAc=1 0.36
Solubility in water :	Miscible		
Appearance and odour	Soft white paste		

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a °C	Flammable limits	LEL: n/a UEL: n/a
Extinguishing Media	n/a		
Special Fire Fighting Procedures	Will burn when water evaporates		
Unusual Fire and Explosion Hazards	n/a		

## Section V Reactivity Data

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

**Section VI Health Hazard Data**

Route of Entry	Inhalation? <input type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
<b>Health Hazards:</b>			
Prolonged contact with skin could cause irritation.			
Soluble lead in the zinc oxide pigment is less than 1 ppm.			
Carcinogenicity :	NTP: <input type="text" value="n/a"/>	IARC Monographs:	<input type="text" value="n/a"/>
	OSHA Regulated	<input type="text" value="n/a"/>	
<p><b>WARNING:</b> This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.</p>			
Signs and Symptoms of Exposure	<input type="text" value="None known"/>		
Medical Conditions aggravated by exposure	<input type="text" value="Pre-existing skin disorders"/>		
<b>First Aid Procedures</b>			
Eyes:	<input type="text" value="Wash with water for 10 minutes"/>		
	<input type="text" value="If irritation persists get medical attention"/>		
Skin:	<input type="text" value="Wash off with water"/>		
	<input type="text"/>		
Inhalation:	<input type="text" value="Remove from exposure"/>		
	<input type="text"/>		
Ingestion:	<input type="text" value="Give water to drink"/>		
	<input type="text" value="Get medical attention"/>		

**Section VII Precautions for Safe Handling and Use**

Steps to be taken if material is spilled	<input type="text" value="Absorb on inert substrate"/>
	<input type="text" value="Mop up with plenty of water"/>
Waste Disposal Method	<input type="text" value="According to local regulations"/>
<b>Precautions to be taken in Handling and Storage</b>	
	<input type="text" value="Normal hygiene"/>
	<input type="text"/>
	<input type="text" value="Keep dry"/>
	<input type="text" value="Avoid extremes of temperature"/>
Other precautions	<input type="text" value="none"/>

**Section VIII Control Measures**

Respiratory protection	<u>Not required</u>		
Ventilation	<u>Not normally required</u>		
Local exhaust	<u>Not required</u>		
Mechanical	<u>Not required</u>		
Protective gloves	<u>Not required</u>	Eye protection	<u>Not required</u>
Other protective equipment	<u>Protective clothing</u>		
Work/Hygenic Practices	<u>Avoid prolonged contact</u>		
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## Material Safety Data Sheet

WINSOR &amp; NEWTON COTMAN WATER COLOUR LEMON YELLOW (Nickel Titanate)

## 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
4-chloro-3,5-xyleneol	00088-04-0	no data	no data
Nickel titanate		no data	0.05 as Ni mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100 °C	Specific Gravity:	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:	Miscible		
Appearance and odour:	Soft yellow paste		

## Section IV Fire and Explosion Hazard Data

Flash Point:	n/a °C	Flammable limits:	LEL: n/a UEL: n/a
Extinguishing Media:	n/a		
Special Fire Fighting Procedures:	Will burn when water evaporates		
Unusual Fire and Explosion Hazards:	n/a		

## Section V Reactivity Data

Stability:	Unstable:	no	Conditions to avoid:	none known
	Stable:	yes		
Incompatibility:	none known			
Hazardous Decomposition:	Carbon monoxide may be evolved in a fire			
Hazardous Polymerisation:	no			

**Section VI Health Hazard Data**

Route of Entry	Inhalation?	<input type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
<b>Health Hazards:</b>						
Soluble nickel in the product is below 0.03 %.						
Prolonged contact with skin may cause irritation.						
Carcinogenicity :	NTP:	n/a	IARC Monographs:	n/a		
	OSHA Regulated	n/a				
WARNING: This product contains a chemical known to the State of California to cause cancer.						
<b>Signs and Symptoms of Exposure</b> No data						
<b>Medical Conditions aggravated by exposure</b> Pre-existing skin disorders						
<b>First Aid Procedures</b>						
Eyes:	Wash with water for 10 minutes					
	If irritation persists get medical attention					
Skin:	Wash off with water					
Inhalation:	Remove from exposure					
Ingestion:	Give water to drink					
	Get medical attention					

**Section VII Precautions for Safe Handling and Use**

Steps to be taken if material is spilled	Absorb on inert substrate
Mop up with plenty of water	
Waste Disposal Method	According to local regulations
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Keep dry	
Avoid extremes of temperature	
Other precautions	none

**Section VIII Control Measures**

Respiratory protection	<u>Not required</u>		
Ventilation	<u>No special conditions</u>		
Local exhaust	<u>Not required</u>		
Mechanical	<u>Not required</u>		
Protective gloves	<u>Not required</u>	Eye protection	<u>Not normally required</u>
Other protective equipment	<u>Protective clothing</u>		
Work/Hygenic Practices	<u>Avoid prolonged contact</u>		

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in conformity with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards

## Material Safety Data Sheet

WINSOR &amp; NEWTON COTMAN WATER COLOUR

CADMIUM YELLOW

## 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	
4-chloro-3,5-xyleneol	00088-04-0			
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01	mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 100	° C	Specific Gravity	1.74	
Vapour pressure:	ca.17mm Hg		Melting Point:	n/a	° C
Vapour density:	as water		Evaporation rate	BuAc=1	0.36
Solubility in water :	Miscible				
Appearance and odour	Soft yellow paste.				

## Section IV Fire and Explosion Hazard Data

Flash Point	n/a	° C	Flammable limits	LEL:	n/a
				UEL:	n/a
Extinguishing Media	n/a				
Special Fire Fighting Procedures	Will burn when water evaporates				
Unusual Fire and Explosion Hazards	n/a				

## Section V Reactivity Data

Stability : Unstable :	no	Conditions to avoid :	none known
Stable :	yes		
Incompatibility:	none known		
Hazardous Decomposition	Hydrogen sulphide liberated by acids		
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 irritation.			
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"/>		
<p><b>WARNING: DO NOT SPRAY APPLY.</b> This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.</p>			
<b>Signs and Symptoms of Exposure</b>	<input type="text" value="None known"/>		
<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 water"/>		
<b>Inhalation:</b>	<input type="text" value="Remove from exposure"/>		
<b>Ingestion:</b>	<input type="text" value="Wash out mouth with water"/>		
	<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="Mop up with plenty of water"/>
<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="Keep in closed containers"/>
	<input type="text" value="Avoid extremes of temperature"/>
<b>Other precautions</b>	<input type="text" value="None"/>

**Section VIII Control Measures**

Respiratory protection	Not required
Ventilation	Not normally required
Local exhaust	Not required
Mechanical	Not required
Protective gloves	Not required
Eye protection	Not normally required
Other protective equipment	Protective clothing
Work/Hygenic Practices	Avoid prolonged contact

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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