

CADMIUM YELLOW

Page 1 of 3

31/05/00

00461-4203  
- 4204

## Material Safety Data Sheet

WINSOR &amp; NEWTON ARTISTS OIL 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 31/05/00

## 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 - 1.80
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.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			

CADMIUM YELLOW

Page 2 of 3

31/05/00

## Section VI Health Hazard Data

Route of Entry	Inhalation?	<input type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
<b>Health Hazards:</b>						
Prolonged contact with skin could cause dermatitis.						
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.						
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.						
<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 soap and water					
Inhalation:	Not applicable					
Ingestion:	Give water to drink					
	Get medical attention					

## Section VII Precautions for Safe Handling and Use

Steps to be taken if material is spilled	Absorb on inert substrate
Sweep up immediately	
Waste Disposal Method	According to local regulations
As toxic waste	
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Avoid contact with skin	
Keep in closed containers	
Avoid extremes of temperature	
Other precautions	none

CADMIUM YELLOW

Page 3 of 3

31/05/00

Section VIII Control Measures

Respiratory protection	Not required
Ventilation	n/a
Local exhaust	n/a
Mechanical	n/a
Protective gloves	Not required
Eye protection	Not required
Other protective equipment	Protective clothing
Work/Hygenic Practices	Avoid ingestion
Use barrier creams	

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

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