

7-8-03

CADMIUM RED

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31/05/00

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## Material Safety Data Sheet

WINSOR &amp; NEWTON ARTISTS OILBAR

CADMIUM RED

## 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 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	2.5 -
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 waxy-solid. 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			

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## 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.						
Signs and Symptoms of Exposure			None known			
Medical Conditions aggravated by exposure			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

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## 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

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Material Safety Data Sheet

WINSOR & NEWTON ARTISTS OILBAR

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- 662- 0770  
 Date prepared 31/05/00

Section II Hazard Ingredients/Identity Information

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

Section III Physical/Chemical Characteristics

Boiling Point:	> 300 °C	Specific Gravity	2.5
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 waxy-solid.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			

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## 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

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## 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

01528 - all Codes except

# HANDLING INFORMATION SHEET

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.

- 3201	- 4531
- 3331	- 7211
- 4181	- 7931
- 4301	- 006
	- 0129

CERTIFIED BY ART & CRAFT MATERIALS INSTITUTE  
**HEALTH LABEL**  
 Conforms to ASTM D-4236

No Health Labeling Required

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MATERIAL SAFETY DATA:

17/11/94

87 000 OILBAR

GENERAL SAFETY DATA

WINSOR & NEWTON  
 COLART AMERICAS INC  
 11 CONSTITUTION AVE P.O. BOX 1396  
 PISCATAWAY N.J. 08855-1396

Telephone for Health Information only  
 1-800-628-3395

HAZARDOUS INGREDIENTS  
 Pigment dependant

CAS NO. TLV MAX. %

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point : n/a °C Specific gravity : -  
 Vapor pressure : n/a Evaporation rate ( ): n/a  
 Vapor density : n/a Solubility in water : Insoluble  
 Appearance and odor : Coloured bar . Vegetable oil odour.

FIRE AND EXPLOSION HAZARD DATA

Flash point ( ): n/a °C Flammability limits : upper : n/a %  
 Autoignition temperature: °C lower : n/a %  
 Fire precautions : May give rise to black smoke effecting eyes and lungs  
 Extinguishing media: Carbon dioxide, dry chemical, foam.  
 Special hazards : Molten wax

REACTIVITY DATA

Stable :yes Incompatibility:none known  
 Hazardous decomposition :oxides of carbon  
 Hazardous polymerisation :no

HEALTH HAZARD DATA

Although in this form cadmium and cobalt pigments are less likely to enter the body extra care should be taken with these colours. Cobalt colours could cause allergic reactions on skin contact.

Carcinogenicity : NTP : n/a IARC monographs : n/a OSHA regulated : n/a

FIRST AID

Eye contact : Wash with warm water

Skin contact: Wash off with soap and water

Inhalation : Not applicable  
 Ingestion : Get medical attention

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