

(8307-02)

* Studio Set *

00462-1019

TITANIUM WHITE 05-15-02 Page 1 of 3 31/05/00

Material Safety Data Sheet

W & N ARTISAN WATER MIXABLE OIL COLOUR TITANIUM 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 31/05/00

Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Zinc oxide		5 mg/m3	10 mg/m3

Section III Physical/Chemical Characteristics

Bolling Point:	> 300 ° C	Specific Gravity	1.6 -
Vapour pressure:	n/a	Melting Point:	n/a ° C
Vapour density:	n/a	Evaporation rate	BuAc = 1 n/a
Solubility in water :	Miscible.		
Appearance and odour	White paste.Characteristic 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"/>
Health Hazards:						
Prolonged contact with skin could cause dermatitis.						
Zinc oxide pigment contains less than 1 ppm soluble lead.						
Carcinogenicity :	NTP:	n/a	IARC Monographs:	n/a		
	OSHA Regulated	n/a				
WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.						
Signs and Symptoms of Exposure	None known					
Medical Conditions aggravated by exposure	Pre-existing skin disorders					
First Aid Procedures						
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
Precautions to be taken in Handling and Storage	
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

(8300-15)

00462-5173

CERULEAN BLUE HUE 05-15-02 Page 1 of 3 31/05/00

Material Safety Data Sheet

W & N ARTISAN WATER MIXABLE OIL COLOUR CERULEAN BLUE HUE

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
Zinc oxide		5 mg/m3	10 mg/m3

Section III Physical/Chemical Characteristics

Boiling Point:	> 300 ° C	Specific Gravity	1.6
Vapour pressure:	n/a	Melting Point:	n/a ° C
Vapour density:	n/a	Evaporation rate	BuAc = 1 n/a
Solubility in water :	Miscible.		
Appearance and odour	Blue paste.Characteristic 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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CERULEAN BLUE HUE

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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"/>
Health Hazards:						
Prolonged contact with skin could cause dermatitis.						
Zinc oxide pigment contains less than 1 ppm soluble lead.						
Carcinogenicity :						
NTP:	n/a	IARC Monographs:	n/a			
OSHA Regulated	n/a					
WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.						
Signs and Symptoms of Exposure						
None known						
Medical Conditions aggravated by exposure						
Pre-existing skin disorders						
First Aid Procedures						
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
Precautions to be taken in Handling and Storage	
Normal hygiene	
Avoid contact with skin	
Keep in closed containers	
Avoid extremes of temperature	
Other precautions	none

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

(8303-00) **HANDLING INFORMATION SHEET**

00459-1113
8303-00

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

SAFETY DATA SHEET

PRODUCT NAME : Artisan Watermixable Linseed Oil

PRODUCT CODE : 33841

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	EC No.	Weight%	Symbols	R Phrases
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3 HAZARDS IDENTIFICATION

- Not Classified
- No hazard expected under normal conditions of use

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4 FIRST-AID MEASURES

CONTACT WITH SKIN

- Remove contaminated clothing immediately and wipe affected skin with dry cloth. Then wash with soap and water
- Do not use solvents to clean skin

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water

INGESTION

- Give plenty of water to drink
- Seek medical advice
- Do not induce vomiting
- Rinse mouth with water (do not swallow)
- Give plenty of water to drink

Creation Date 25/06/97
GBR

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Artisan Watermixable Linseed Oil

4 FIRST-AID MEASURES**INHALATION**

- Inhalation is unlikely to occur

OTHER INFORMATION

- Seek medical advice if necessary
 - Treat symptomatically
-

5 FIRE-FIGHTING MEASURES

- In case of fire use foam, carbon dioxide or dry agent (S13)
 - If spill substance is absorbed in a rag, the high surface area of the material can allow autoignition at room temperature
-

6 ACCIDENTAL RELEASE MEASURES

- Absorb spillage in suitable inert material
 - If a rag is used to absorb a small spillage, thoroughly wet the rag and dispose of into a closed metal container
 - Wash spill site with water and detergent
-

7.1 HANDLING

- No special requirements
-

7.2 STORAGE

- Store at ambient temperature
 - Keep away from heat (S15)
-

8.1 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Use a suitable barrier cream to protect skin
 - Use good personal hygiene practices
-

8.2 EXPOSURE LIMITS

- There are no recommended or established controls for this product
-

Artisan Watermixable Linseed Oil

9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, colourless to yellow, oily, miscible with water
- Characteristic odour
- Combustible
- Boiling point > 300 deg C
- Flash point > 230 deg C (CC)
- Melting point - not known
- Auto-ignition point > 300 deg C
- pH - not applicable
- Density 0.95 g/cm³
- Vapour pressure - not applicable
- Insoluble in water
- Fat solubility - not known

10 STABILITY AND REACTIVITY

- Stable
- Avoid overheating
- Keep away from combustible material
- Decomposition products may include toxic and irritant fumes

11 TOXICOLOGICAL INFORMATION

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

12 ECOLOGICAL INFORMATION

- Presents little or no hazard to the environment

13 DISPOSAL CONSIDERATIONS

- Disposal should be in accordance with local, state or national legislation

14.1 TRANSPORT REGULATIONS

PROPER SHIPPING NAME:

Non hazardous

NOT APPLICABLE

14.2 TRANSPORT INFORMATION

- Not classified as hazardous for transport

Artisan Watermixable Linseed Oil

15 REGULATORY INFORMATION

- Not hazardous according to current Dangerous Substances Directive (67/548/EEC)
- This Safety Data Sheet does not constitute a workplace risk assessment
- This Safety Data Sheet is provided in compliance with the Dangerous Substances Directive (67/548/EEC)
- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

15.1 RISK PHRASES

- None assigned

15.2 SAFETY PHRASES

16 OTHER INFORMATION

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.

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No Health Labeling Required

SAFETY DATA SHEET

PRODUCT NAME : Artisan Watermixable Oil Colours

PRODUCT CODE : 33

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	EC No.	Weight%	Symbols	R Phrases
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3 HAZARDS IDENTIFICATION

- Not Classified
- No hazard expected under normal conditions of use

4 FIRST-AID MEASURES

CONTACT WITH SKIN

- Remove contaminated clothing immediately and wipe affected skin with dry cloth. Then wash with soap and water
- Do not use solvents to clean skin

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water

INGESTION

- Give plenty of water to drink
- Seek medical advice
- Do not induce vomiting
- Rinse mouth with water (do not swallow)
- Give plenty of water to drink

Creation Date 25/06/97

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Item Numbers: 6001019

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4 FIRST-AID MEASURES

INHALATION

- Inhalation is unlikely to occur

OTHER INFORMATION

- Seek medical advice if necessary
 - Treat symptomatically
-

5 FIRE-FIGHTING MEASURES

- In case of fire use foam, carbon dioxide or dry agent (S43)
 - If spilt substance is absorbed in a rag, the high surface area of the material can allow autoignition at room temperature
-

6 ACCIDENTAL RELEASE MEASURES

- Absorb spillage in suitable inert material
 - If a rag is used to absorb a small spillage, thoroughly wet the rag and dispose of into a closed metal container
 - Wash spill site with water and detergent
-

7.1 HANDLING

- No special requirements
-

7.2 STORAGE

- Store at ambient temperature
 - Keep away from heat (S15)
-

8.1 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Use a suitable barrier cream to protect skin
 - Use good personal hygiene practices
-

8.2 EXPOSURE LIMITS

- There are no recommended or established controls for this product
-

Artisan Watermixable Oil Colours

9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, coloured, paste, miscible with water
- Characteristic odour
- Combustible
- Boiling point > 300 deg C
- Flash point > 230 deg C (CC)
- Melting point - not known
- Auto-ignition point > 300 deg C
- pH - not applicable
- Density 1.0 - 2.0 g/cm³
- Vapour pressure - not applicable
- Insoluble in water
- Fat solubility - not known

10 STABILITY AND REACTIVITY

- Stable
- Avoid overheating
- Keep away from combustible material
- Decomposition products may include toxic and irritant fumes

11 TOXICOLOGICAL INFORMATION

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

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Non hazardous

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-

15.1 RISK PHRASES

- None assigned
-

15.2 SAFETY PHRASES

16 OTHER INFORMATION