

REVISION DATE: 26/05/09

**SAFTETY DATA SHEET**  
**WINSOR & NEWTON GRIFFIN ALKYD COLOURS**  
**(GENERAL- NO HEAVY METAL PIGMENTS)**

**1 IDENTIFICATON OF THE SUBSTANCE/ PREPARATION AND COMPANY UNDERTAKING**

PRODUCT NAME                      WINSOR & NEWTON GRIFFIN ALKYD COLOURS (GENERAL).

APPLICATION                        Colors for art and creative use

SUPPLIER                            ColArt America Inc.  
    11 Constitution Avenue  
    Piscataway  
    New Jersey  
    08855-1396

Emergency telephone number    1-800-628-3385  
Tel. number for information      732-562-0770

**2. COMPOSITION INFORMATION ON INGREDIENTS**

COMPOSITION COMMENTS

<b>Hazardous Components</b>	<b>CAS Number</b>	<b>OSHA PEL</b>	<b>TLV</b>
Low aromatic petroleum hydrocarbons	64742-47-8	No data	No data
Lead carbonate	00598-63-0	No data	0.05 as Pb mg/m <sup>3</sup>

**3. HAZARD IDENTIFICATION**

CLASSIFICATION

In accordance with ASTM D-4236 the hazard warning on the product is:

WARNING: May be harmful if swallowed. Vapor harmful. Cancer agent based on experimental data. Exposure may cause harm to the developing fetus, or damage to the testes or difficulty with reproduction (child bearing) or nervous system, kidney or bone marrow damage. Not for use by children.

CONTAINS: LEAD, PETROLEUM DISTILLATES

Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. Wear a work apron. Avoid using if pregnant or contemplating pregnancy. Use only with adequate ventilation. Keep out of reach of children.

This product also carries the following warning in accordance with Californian proposition 65;

This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**4. FIRST AID MEASURES**

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low, so that stomach content does not get in to the lungs. Get medical attention immediately! Drink plenty of water. Provide rest, warmth and fresh air.

#### SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lid. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### **5. FIRE FIGHTING MEASURES**

#### EXTINGUISHING MEDIA

Carbon Dioxide, dry chemical, foam.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapors. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water courses. Dike for water control.

### **6. ACCIDENTAL RELEASE MEASURES**

#### SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place in to containers. Do not contaminate water courses or sewer. Inform authorities if large amounts are spilled.

### **7. HANDLING AND STORAGE**

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and / or high concentrations.

#### STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area. Avoid extremes of temperature.

### **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

#### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

## HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use protective gloves made of rubber or plastic.

## EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

## OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## HYGEINE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Paste
COLOR	White
ODOR	Low hydrocarbon odor.
SOLUBILITY	Insoluble in water
FLASH POINT (°C)	70 (closed cup)
RELATIVE DENSITY	3.7
VOLATILE BY VOL	20%
BOILING POINT (°C)	150 – 200 760 mm Hg
AUTO IGNITION	>250 °C

## **10. STABILITY AND REACTIVITY**

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

None.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates fumes of carbon monoxide and carbon dioxide.

## **11. TOXICOLOGICAL INFORMATION**

### INHALATION

Inhalation of large quantities of vapor may damage respiratory system.

#### INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

#### SKIN CONTACT

May cause sensitization by skin contact.

#### EYE CONTACT

Prolonged contact may cause irritation to eyes.

#### HEALTH WARNINGS

Lead is accumulated in the body and may cause damage to the brain and nervous system after prolonged exposure. Toxic to reproduction.

#### ROUTE OF ENTRY

Ingestion, inhalation and skin contact.

#### MEDICAL SYMPTOMS

Skin disorders and allergies.

### **12. ECOLOGICAL INFORMATION**

Dangerous to the environment. May cause long-term adverse effects in the aquatic environment.

### **13. DISPOSAL CONSIDERATIONS**

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand. Dispose of as licensed hazardous waste.

### **14. TRANSPORT INFORMATION**

#### TOXIC

PROPER SHIPPING NAME: LEAD COMPOUNDS, SOLUBLE

UN ROAD NUMBER	2291	ADR CLASS NO.	6.1
ADR NO.	Class 6.1 toxic substances	ADR packing group	III
ADR label	6.1	Hazchem code	2Z
RID class no.	6.1	UN no. Sea:	2291
IMDG class	6.1	IMDG page number	6170
IMDG packing group	III	EMS	6.1-04
MFAG	110	Marine pollutant	No
UN number Air	2291	Air class	6.1
Air packing group	III		

## **15. REGULATORY INFORMATION**

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in accordance 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 D 4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards. The hazard warning for this product is;

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## **16. OTHER INFORMATION**

INFORMATION SOURCE

Material Safety ~Data Sheet, Misc. manufacturers.

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