

REVISION DATE: 02/02/10

**SAFTETY DATA SHEET**  
**WINSOR & NEWTON ALL PURPOSE HIGH GLOSS VARNISH**

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

PRODUCT NAME            WINSOR & NEWTON ALL PURPOSE HIGH GLOSS VARNISH

APPLICATION                Varnish for Oil Painting

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>
Aromatic hydrocarbons	64742-95-6	No data	No data
Butane	106-97-8	No data	No data
CYCLOPENTANE	287-92-3	No data	No data
ETHYLBENZENE	100-41-4	No data	No data
HEPTANE	142-82-5	No data	No data
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))		No data	No data
HEXANE-norm	110-54-3	No data	No data
METHYLCYCLOHEXANE	108-87-2	No data	No data
PENTANE	109-66-0	No data	No data
White spirit	64742-82-1	No data	No data
Xylene	1330-20-7	No data	No data

**3. HAZARD IDENTIFICATION**

CLASSIFICATION

This product conforms to the Consumer Chemicals and Containers Regulations (CCCR) 2001.  
The hazard warning for this product is;

CONTENTS HARMFUL. CONTAINER MAY EXPLODE IF HEATED. CONTENTS MAY CATCH FIRE. Do not puncture. Do not burn. Do not swallow. Do not smoke. Do not breathe fumes. Keep out of reach of children. Store away from heat.

Use only in a well ventilated area. Keep away from flames, such as a pilot light and any object that sparks, such as an electric motor.

FIRST AID TREATMENT: Contains: Petroleum Distillates, heptane, naphtha. If swallowed, call a Poison Control Centre or doctor immediately. If breathed in, move person into fresh air.



**EXTREME DANGER – VERY FLAMMABLE – POISON – CONTENTS UNDER PRESSURE**

#### **4. FIRST AID MEASURES**

##### GENERAL INFORMATION

Move the exposed person to fresh air at once.

##### INHALATION

NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

##### INGESTION

Immediately rinse mouth and provide fresh air. DO NOT INDUCE VOMITING! Get medical attention.

##### SKIN CONTACT

Wash the skin immediately with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

##### EYE CONTACT

Spray in the eyes: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention

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

##### EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

##### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Aerosol cans may explode in a fire. Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back.

##### SPECIFIC HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

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

## PERSONAL PRECAUTIONS

Provide adequate ventilation. Avoid inhalation of vapours and aerosol spray. In case of inadequate ventilation, use respiratory protection.

## ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

## SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate.  
Keep out of confined spaces because of explosion risk.

## 7. HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid inhalation of vapours and spray mists. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Eliminate all sources of ignition.

### STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store at moderate temperatures in dry, well ventilated area.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Name	Std	LT ppm	LT-mg/m <sup>3</sup>	ST-ppm	ST-mg/m <sup>3</sup>
Butane	OES	600ppm	1450mg/m <sup>3</sup>	750ppm	1810mg/m <sup>3</sup>
Ethylbenzene	OES	100ppm (sk)	441mg/m <sup>3</sup> (sk)	125ppm(sk)	552mg/m <sup>3</sup> (sk)
Heptane	OES	500ppm			
Hexane-Norm	OES	20ppm	72mg/m <sup>3</sup>		

### INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of spray.

### RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

## HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

## EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

## OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

## HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

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

APPEARANCE Aerosol

ODOUR Organic solvents.

PHYSICAL DATA COMMENTS Information given concerns the major ingredient.

**FLASH POINT (°C) <40 AUTO IGNITION > 400**

**FLAMMABILITY LIMIT - LOWER(%) 1.8 TEMPERATURE (°C)  
FLAMMABILITY LIMIT - UPPER(%) 9.5**

## **10. STABILITY AND REACTIVITY**

### STABILITY

Avoid: Heat, sparks, flames.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

### HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) are formed.

## **11. TOXICOLOGICAL INFORMATION**

### INHALATION

Harmful by inhalation. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

#### SKIN CONTACT

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

#### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

#### HEALTH WARNINGS

Solvent vapours are hazardous and may cause nausea, sickness and headaches. Gas or vapour in high concentrations may irritate respiratory system.

#### ROUTE OF ENTRY

Inhalation.

#### TARGET ORGANS

Central nervous system. Respiratory system, lungs.

#### MEDICAL SYMPTOMS

Inhalation may cause: Headache. Dizziness. Arrhythmia, (deviation from normal heart beat).

### **12. ECOLOGICAL INFORMATION**

#### ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

#### MOBILITY

Highly volatile and will rapidly evaporate to the air

### **13. DISPOSAL CONSIDERATIONS**

#### GENERAL INFORMATION

Do not puncture or incinerate even when empty.

#### DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

### **14. TRANSPORT INFORMATION**



PROPER SHIPPING NAME	AEROSOLS	IMDG Class	2.1
UN NO. ROAD	1950	ADR pack group	5F
ADR CLASS	Class 2:1 Flammable gas	RID CLASS NO.	2
RID pack group	III	UN NO. SEA	1950
HAZARD No. (ADR)	23 Flammable Gas	UN NO. AIR	1950

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### 16. OTHER INFORMATION

INFORMATION SOURCE

Material Safety ~Data Sheet, Misc. manufacturers.

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