

REVISION DATE: 12/07/2011

**SAFETY DATA SHEET**  
**WINSOR & NEWTON DAMMAR HIGH GLOSS VARNISH**  
**(AEROSOL)**

**1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY UNDERTAKING**

PRODUCT NAME            WINSOR & NEWTON DAMMAR HIGH GLOSS VARNISH

APPLICATION                Varnish 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>
Butane	106-97-8	No data	No data
PROPAN-2-OL	67-63-0	No data	No data
Turpentine, Oil	8006-64-2	No data	No data

**3. HAZARD IDENTIFICATION**

CLASSIFICATION

In accordance with ASTM D-4236 and 16 CFR 1500. 130. the hazard warning on the product is:

**WARNING: FLAMMABLE. VAPOR HARMFUL. EYE IRRITANT.**

**Contains: ISOPROPYL ALCOHOL**

**PRECAUTIONS:** Keep away from eyes. Do not store or use near heat or flame. **KEEP OUT OF REACH OF CHILDREN.** Use only with adequate ventilation

**FIRST AID TREATMENT:** If eye irritation occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. If inhalation symptoms occur, move to fresh air. If symptoms persist, see a physician.

**WARNING: CONTENTS UNDER PRESSURE.**

Do not puncture or incinerate or expose to temperature above 120°F (50°C)

**4. FIRST AID MEASURES**

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 immediately.

## 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: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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 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. Do not pierce or burn, even after use.

## 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	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>
Propan-2-ol	OES	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>
Turpentine, Oil	OES	100ppm	566 mg/m <sup>3</sup>	150 ppm	850 mg/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

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

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

## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

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

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal

### INHALATION

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

### SKIN CONTACT

Irritating to skin. Risk of sensitisation or allergic reactions among sensitive individuals.

### EYE CONTACT

Irritating to eyes. 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. Eye contact

#### TARGET ORGANS

Central nervous system. Respiratory system, lungs.

#### MEDICAL SYMPTOMS

Inhalation may cause: Headache. Vapour may cause drowsiness and dizziness. Stupor. Skin irritation.

### **12. ECOLOGICAL INFORMATION**

#### ECOTOXICITY

The product contains a substance which is harmful 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. Make sure containers are empty before discarding. 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
ADR Label No.	III	UN NO. SEA	1950
HAZARD No. (ADR)	23 Flammable Gas	UN NO. AIR	1950

## **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 1500.130 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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**Contains: ISOPROPYL ALCOHOL**

**PRECAUTIONS:** Keep away from eyes. Do not store or use near heat or flame. **KEEP OUT OF REACH OF CHILDREN.** Use only with adequate ventilation

**FIRST AID TREATMENT:** If eye irritation occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. If inhalation symptoms occur, move to fresh air. If symptoms persist, see a physician. For further health information contact poison control center or call 1-800-628-3385, Piscataway N.J. 08855

**WARNING: CONTENTS UNDER PRESSURE.**

Do not puncture or incinerate or expose to temperature above 120°F (50°C)

## **16. OTHER INFORMATION**

INFORMATION SOURCE

Material Safety ~Data Sheet, Misc. manufacturers.

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