

SAFETY DATA SHEET

WINSOR & NEWTON ARTISTS PICTURE VARNISH - GLOSS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: WINSOR & NEWTON ARTISTS PICTURE VARNISH - GLOSS

APPLICATIONS: Varnish for Oil Painting Varnish for Acrylic Painting

SUPPLIER: Colart
Whitefriars Avenue
Harrow
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Tel: +44 (0) 208 4274343
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
PROPAN-2-OL			10-15 %
67-63-0	200-661-7	Xi ,F R-11, 36, 67	
Naphtha (petroleum),hydrodesulphurised heavy.			25-30 %
64742-82-1	265-185-4	Xn ,N R-10, 51/53, 65	
BUTANE			20-30 %
106-97-8	203-448-7	Fx R-12	
PROPANE			10-15 %
74-98-6	200-827-9	Fx R-12	

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Extremely flammable.

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 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Not relevant.

SKIN: Wash the skin immediately with soap and water. Get medical attention if any discomfort

continues.

EYES:

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. Get medical attention if any discomfort continues.

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:

Aerosol cans may explode in fires. Risk of explosion if heated.

6. ACCIDENTAL RELEASE MEASURES:**SPILL CLEANUP METHODS:**

Wear necessary protective equipment.

7. HANDLING AND STORAGE:**USAGE PRECAUTIONS:**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS:

Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm
Naphtha (petroleum),hydrodesulphurised heavy.	64742-82-1	OES	100 ppm	
BUTANE	106-97-8	OES	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:**VENTILATION:**

Provide adequate general and local exhaust ventilation.

RESPIRATORS:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:	Use eye protection.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK PRACTICES:	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. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Aerosol.	
ODOUR/TASTE:	Solvent.	
PHYSICAL DATA COMMENTS:	Information given concerns the major ingredient.	
FLASH POINT (°C):	- 104	Method:
AUTO IGNITION TEMP. (°C):	> 400	
FLAMMABILITY LIMIT - LOWER(%):	1.8	
FLAMMABILITY LIMIT - UPPER(%):	9.5	

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.
HAZARDOUS DECOMP. PRODUCTS:	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION:

HEALTH WARNINGS:	INHALATION. May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system. SKIN CONTACT. Product has a defatting effect on skin. May cause skin irritation/eczema. EYE CONTACT. Irritating to eyes.
ROUTE OF ENTRY:	Inhalation.
TARGET ORGANS:	Central nervous system. Respiratory system, lungs.
MEDICAL SYMPTOMS:	Inhalation may cause: Headache. Dizziness. Stupor.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	Not known.
MOBILITY:	Highly volatile and will rapidly evaporate to the air

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:**LABEL FOR CONVEYANCE:**

UN No. ROAD:	1950
ADR CLASS No.:	2
ADR CLASS:	Division 2.1: Flammable gases.
ADR ITEM No.:	5F
ADR MARGINAL:	2201
ADR LABEL No.:	2.1
HAZCHEM CODE:	N/A
CEFIC TEC(R) No.:	20G27-2
PROPER SHIPPING NAME I:	AEROSOLS, FLAMMABLE, NOS (Contains Acetone and Liquefied Petroleum Gases)
RID CLASS No.:	2
RID ITEM No.:	5F
UN No. SEA:	1950
IMDG CLASS:	2
IMDG PAGE No.:	2102
IMDG PACK GR.:	N/A
EmS No.:	2-13
MFAG TABLE No.:	620
MARINE POLLUTANT:	No.
UN No., AIR:	1950
ICAO CLASS:	2.1
AIR SUB CLASS:	N/A

AIR PACK GR.:

N/A

15. REGULATORY INFORMATION:**LABEL FOR SUPPLY:****RISK PHRASES:**

R-12 Extremely flammable.

SAFETY PHRASES:

S-2 Keep out of reach of children. S-16 Keep away from sources of ignition - No Smoking. S-51 Use only in well ventilated areas. S-23 Do not breathe gas/fumes/vapour/spray.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.

UK REGULATORY REFERENCES:

Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.

ENVIRONMENTAL LISTING:

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES:

System of specific information relating to Dangerous Preparations. 91\155.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:**INFORMATION SOURCES:**

Material Safety Data Sheet, Misc. manufacturers.

REVISION DATE:

17/07/2002

REV. No./REPL. SDS GENERATED:

Revision 2 replaces 14/09/2000

R-PHRASES (Full Text):

R-11 Highly flammable. R-36 Irritating to eyes. R-67 Vapours may cause drowsiness and dizziness. R-10 Flammable. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-12 Extremely flammable.