

SAFETY DATA SHEET
WINSOR & NEWTON RETOUCHING VARNISH (AEROSOL)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME WINSOR & NEWTON RETOUCHING VARNISH (AEROSOL)
PRODUCT NO. 3033983
APPLICATION Varnish for Oil Painting
SUPPLIER Colart Fine Art & Graphics Limited
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67
White spirit	265-185-4	64742-82-1	30-60%	Xn;R65. N;R51/53. R10,R66,R67.

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

3 HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION F+;R12. N;R51/53. R66, R67.

HUMAN HEALTH

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

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.

WINSOR & NEWTON RETOUCHING VARNISH (AEROSOL)

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/m3	ST - ppm	ST - mg/m3
BUTANE	OES	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3
PROPAN-2-OL	OES	400 ppm	999 mg/m3	500 ppm	1250 mg/m3

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

WINSOR & NEWTON RETOUCHING VARNISH (AEROSOL)

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, CO₂, NO_x) 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, FLAMMABLE, NOS (Contains Acetone and Liquefied Petroleum Gases)

WINSOR & NEWTON RETOUCHING VARNISH (AEROSOL)

UN NO. ROAD	1950	ADR CLASS NO.	2
ADR CLASS	Class 2.1: Flammable gases.	ADR PACK GROUP	5F
HAZARD No. (ADR)	23 Flammable Gas	ADR LABEL NO.	3
HAZCHEM CODE	N/A	CEFIC TEC(R) NO.	20G53
RID CLASS NO.	2	UN NO. SEA	1950
IMDG PAGE NO.	2102	IMDG PACK GR.	N/A
EMS	2-13	MARINE POLLUTANT	No.
UN NO. AIR	1950	AIR CLASS	2.1
AIR SUB CLASS	N/A	AIR PACK GR.	N/A

15 REGULATORY INFORMATION

LABELLING



Extremely Flammable



Dangerous for the environment

CONTAINS

White spirit

RISK PHRASES

R12	Extremely flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2	Keep out of the reach of children
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

16 OTHER INFORMATION

DATE 1/11/2007

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.