

SAFETY DATA SHEET

WINSOR & NEWTON PROFESSIONAL RETOUCHING GLOSS VARNISH (AEROSOL)

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name WINSOR & NEWTON PROFESSIONAL RETOUCHING GLOSS VARNISH (AEROSOL)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Varnish for Oil Painting Varnish for Acrylic Painting

1.3. Details of the supplier of the safety data sheet

Supplier ColArt International Holdings Ltd.
The Studio Building
21 Evesham Street
London
W11 4AJ
United Kingdom
+44 (0)208 424 3200
R.Enquiries@colart.co.uk

Manufacturer ColArt International SA
5 Rue Rene Panhard
Z.I .Nord
72021 Le Mans Cedex 2
+33 2 43 83 83 00

1.4. Emergency telephone number

Emergency telephone +44 (0)208 424 3200 This telephone number is available during office hours only 09:00 to 17:00 GMT Language English.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 STOT SE 3 - H336 STOT RE 2 - H373

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) Xi;R38. F+;R12. N;R51/53. R67.

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

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements	<p>H222 Extremely flammable aerosol.</p> <p>H229 Pressurised container: may burst if heated</p> <p>H315 Causes skin irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
Contains	2-METHYLPENTANE, Hydrocarbons, C9-C11, < 2% aromatics, Stoddard solvent

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTANE	30-60%
CAS number: 106-97-8	EC number: 203-448-7
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Gas 1 - H220	F+;R12
Press. Gas	
2-METHYLPENTANE	10-30%
CAS number: 107-83-5	EC number: 203-523-4
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
Skin Irrit. 2 - H315	
Asp. Tox. 1 - H304	
STOT SE 3 - H336	
Aquatic Chronic 2 - H411	

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Hydrocarbons, C9-C11, < 2% aromatics		5-10%
CAS number: 64742-48-9	EC number: 919-857-5	REACH registration number: 01-2119463258-33-xxxx
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226		Xn;R65. R10,R66,R67.
Asp. Tox. 1 - H304		
STOT SE 3 - H336		
Stoddard solvent		1-5%
CAS number: 8052-41-3	EC number: 232-489-3	
Classification		
Flam. Liq. 3 - H226		
STOT RE 1 - H372		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
XYLENE		1-5%
CAS number: 1330-20-7	EC number: 215-535-7	
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226		R10 Xn;R20/21 Xi;R38
Skin Irrit. 2 - H315		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
2-METHOXY-1-METHYLETHYL ACETATE		1-5%
CAS number: 108-65-6	EC number: 203-603-9	
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226		R10
Nonane		<1%
CAS number: 111-84-2	EC number: 203-913-4	REACH registration number: 01-2119463259-31-XXXX
M factor (Acute) = 1		
Classification		
Flam. Liq. 3 - H226		
Aquatic Acute 1 - H400		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air at once.

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Inhalation	Keep affected person away from heat, sparks and flames. Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.
Eye contact	If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Specific hazards Extremely flammable. Containers can burst violently or explode when heated, due to excessive pressure build-up. Containers can burst violently or explode when heated, due to excessive pressure build-up. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions Keep away from heat, sparks and open flame. Avoid inhalation of vapours and spray mists. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Eliminate all sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

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.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

BUTANE

Long-term exposure limit (8-hour TWA): OES 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): OES 750 ppm 1810 mg/m³

XYLENE

Long-term exposure limit (8-hour TWA): OES 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): OES 100 ppm 441 mg/m³

2-METHOXY-1-METHYLETHYL ACETATE

Long-term exposure limit (8-hour TWA): OES 50 ppm(Sk) 274 mg/m³(Sk)

Short-term exposure limit (15-minute): OES 100 ppm(Sk) 548 mg/m³(Sk)

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body 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 hands 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.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Odour

Organic solvents.

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Flash point	<40°C
Upper/lower flammability or explosive limits	: 1.8
Auto-ignition temperature	> 400°C
Comments	Information given is applicable to the major ingredient.

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Avoid the following conditions: Heat, sparks, flames.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.
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10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

Notes (dermal LD ₅₀)	Not determined.
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ATE dermal (mg/kg)	32,934.13
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Acute toxicity - inhalation

Notes (inhalation LC ₅₀)	Not determined.
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ATE inhalation (gases ppm)	134,730.54
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ATE inhalation (vapours mg/l)	329.34
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ATE inhalation (dusts/mists mg/l)	44.91
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Inhalation	Harmful by inhalation. Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.
Skin contact	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
Eye contact	Vapour or spray in the eyes may cause irritation and smarting.
Acute and chronic health hazards	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache. Gas or vapour in high concentrations may irritate the respiratory system.

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Route of entry	Inhalation
Target organs	Central nervous system Respiratory system, lungs
Medical symptoms	Symptoms following overexposure may include the following: Headache. Dizziness. Arrhythmia, (deviation from normal heart beat).

SECTION 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.

12.1. Toxicity

Acute toxicity - fish Not determined.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity - microorganisms Not determined.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility Highly volatile and will rapidly evaporate to the air

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate even when empty.

Disposal methods Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class 14 06 03* - waste aerosol propellants, other solvents and solvent mixtures

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS, FLAMMABLE

Proper shipping name (IMDG) AEROSOLS, FLAMMABLE

Proper shipping name (ICAO) AEROSOLS, FLAMMABLE

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Proper shipping name (ADN) AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation	Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
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15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	23/11/2015
Revision	4
Supersedes date	18/08/2015

WINSOR & NEWTON PROFESSIONAL RETOUCHING GLOSS VARNISH (AEROSOL)

Risk phrases in full

R10 Flammable.
R11 Highly flammable
R12 Extremely flammable.
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.
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.

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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.