

SAFETY DATA SHEET

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)

According to 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 ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)
Product No. 3033983, 3042983, 3048983

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 Winsor & Newton
The Studio Building
21 Evesham Street
London W11 4AJ
United Kingdom
+44 (0)208 424 3224
Jon Lloyd
regulatoryaffairs@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

44 (0) 208 4243224 This telephone number is available during office hours only

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Aerosol 1 - H222
Human health Skin Irrit. 2 - H315;STOT SE 3 - H336
Environment Aquatic Chronic 2 - H411

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

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

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

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H222 Extremely flammable aerosol.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)

| | |
|----------|---|
| P271 | Use only outdoors or in a well-ventilated area. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P410+412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. |
| P501 | Dispose of contents/container to ... |

Supplementary Precautionary Statements

| | |
|----------|--|
| P261 | Avoid breathing vapour/spray. |
| P264 | Wash contaminated skin thoroughly after handling. |
| P321 | Specific treatment (see medical advice on this label). |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304+340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P332+313 | If skin irritation occurs: Get medical advice/attention. |
| P362 | Take off contaminated clothing and wash before reuse. |
| P391 | Collect spillage. |
| P403+233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |

2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

| | | |
|--|---|--|
| 2-METHOXY-1-METHYLETHYL ACETATE | | 1-5% |
| CAS-No.: 108-65-6 | EC No.: 203-603-9 | |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226 | Classification (67/548/EEC) R10 | |
| 2-METHYLPENTANE | | 10-30% |
| CAS-No.: 107-83-5 | EC No.: 203-523-4 | |
| Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411 | Classification (67/548/EEC) F;R11 Xn;R65 Xi;R38 R67 N;R51/53 | |
| BUTANE | | 30-60% |
| CAS-No.: 106-97-8 | EC No.: 203-448-7 | |
| Classification (EC 1272/2008) Flam. Gas 1 - H220 | Classification (67/548/EEC) F+;R12 | |
| Hydrocarbons, C9-C11, < 2% aromatics | | 5-10% |
| CAS-No.: 64742-48-9 | EC No.: 919-857-5 | Registration Number: 01-2119463258-33-xxxx |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 | Classification (67/548/EEC) Xn;R65. R10,R66,R67. | |

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)

| | | |
|--|---|-------|
| Stoddard solvent - Low boiling point naphta - unspecified | | 1-5% |
| CAS-No.: 8052-41-3 | EC No.: 232-489-3 | |
| Classification (EC 1272/2008) Asp. Tox. 1 - H304 | Classification (67/548/EEC) Xn;R65. | |
| XYLENE | | 5-10% |
| CAS-No.: 1330-20-7 | EC No.: 215-535-7 | |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 | Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38 | |

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 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.

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**

Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

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.

5.3. Advice for firefighters

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

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

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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.

7.2. Conditions for safe storage, including any incompatibilities

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)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Name | STD | TWA - 8 Hrs | | STEL - 15 Min | | Notes |
|---------------------------------|-----|-------------|---------------|---------------|---------------|-------|
| 2-METHOXY-1-METHYLETHYL ACETATE | OES | 50 ppm(Sk) | 274 mg/m3(Sk) | 100 ppm(Sk) | 548 mg/m3(Sk) | |
| BUTANE | OES | 600 ppm | 1450 mg/m3 | 750 ppm | 1810 mg/m3 | |
| XYLENE | OES | 50 ppm | 220 mg/m3 | 100 ppm | 441 mg/m3 | |

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize 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 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--------------------------------|-------------------|
| Appearance | Aerosol. |
| Odour | Organic solvents. |
| Flash point | <40 |
| Auto Ignition Temperature (°C) | > 400 |

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)

| | |
|-------------------------------|--|
| Flammability Limit - Lower(%) | 1.8 |
| Flammability Limit - Upper(%) | 9.5 |
| Comments | Information given concerns the major ingredient. |

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity****10.2. Chemical stability**

Avoid Heat, sparks, flames.

10.3. Possibility of hazardous reactions**10.4. Conditions to avoid**

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

10.5. Incompatible materials**10.6. Hazardous decomposition products**

During fire, toxic gases (CO, CO₂, NO_x) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Acute toxicity:**

Acute Toxicity (Oral LD₅₀)

Not determined.

Acute Toxicity (Dermal LD₅₀)

Not determined.

Acute Toxicity (Inhalation LC₅₀)

Not determined.

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).

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

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)

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

Degradability
The degradability of the product has not been stated.

12.3. Bioaccumulative potential

Bioaccumulation factor
Not determined.

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**

General information
Do not puncture or incinerate even when empty.

13.1. Waste treatment methods

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

SECTION 14: TRANSPORT INFORMATION**14.1. UN number**

| | |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 1950 |
| UN No. (IMDG) | 1950 |
| UN No. (ICAO) | 1950 |

14.2. UN proper shipping name

| | |
|----------------------|---------------------|
| Proper Shipping Name | AEROSOLS, FLAMMABLE |
| Proper Shipping Name | AEROSOLS, FLAMMABLE |

14.3. Transport hazard class(es)

| | |
|---------------------|-----------------------------|
| ADR/RID/ADN Class | Class 2.1: Flammable gases. |
| ADR Label No. | 2.1 |
| IMDG Class | 2.1 |
| ICAO Class/Division | 2.1 |
| Transport Labels | |



WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)**14.4. Packing group**

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

**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 Substance 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment**SECTION 16: OTHER INFORMATION**

| | |
|---------------------------|---|
| Revision Date | 27/05/2014 |
| Revision | 2 |
| Supersedes date | 10/08/2012 |
| Date | 12/05/2010 |
| Risk Phrases In Full | |
| R12 | Extremely flammable. |
| R10 | Flammable. |
| R20/21 | Harmful by inhalation and in contact with skin. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R11 | Highly flammable |
| R38 | Irritating to skin. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R67 | Vapours may cause drowsiness and dizziness. |
| Hazard Statements In Full | |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| 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. |
| H411 | Toxic to aquatic life with long lasting effects. |

WINSOR & NEWTON ARTISTS RETOUCHING GLOSS VARNISH (AEROSOL)**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 a 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.