SAFETY DATA SHEET
WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
</tr>
<tr>
<td>WINSOR &amp; NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES</td>
</tr>
</tbody>
</table>

Recommended use of the chemical and restrictions on use

<table>
<thead>
<tr>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varnish for Oil Painting Varnish for Acrylic Painting</td>
</tr>
</tbody>
</table>

Uses advised against

| No specific uses advised against are identified. |

Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>ColArt Americas Inc.</td>
</tr>
<tr>
<td>11 Constitution Avenue</td>
</tr>
<tr>
<td>Piscatawy</td>
</tr>
<tr>
<td>New Jersey 08855 - 1396</td>
</tr>
<tr>
<td>USA</td>
</tr>
<tr>
<td>1-732-562-0770</td>
</tr>
<tr>
<td><a href="mailto:R.Enquiries@colart.co.uk">R.Enquiries@colart.co.uk</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Manager</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ColArt International SA</td>
</tr>
<tr>
<td>5 Rue Rene Panhard</td>
</tr>
<tr>
<td>Z.I. Nord</td>
</tr>
<tr>
<td>72021 Le Mans Cedex 2</td>
</tr>
<tr>
<td>+33 2 43 83 83 00</td>
</tr>
</tbody>
</table>

Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>For health information only call 1-800-628-3385 Piscataway NJ 08855.</td>
</tr>
</tbody>
</table>

2. Hazard(s) identification

Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Physical hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 3 - H226</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Health hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Sens. 1 - H317 Repr. 2 - H361d STOT RE 1 - H372</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Chronic 2 - H411</td>
</tr>
</tbody>
</table>

Label elements

<table>
<thead>
<tr>
<th>Pictogram</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Pictogram Icon]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signal word</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazard statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226 Flammable liquid and vapor.</td>
</tr>
<tr>
<td>H317 May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H361d Suspected of damaging the unborn child.</td>
</tr>
<tr>
<td>H372 Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>H411 Toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>
**WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES**

**Precautionary statements**

- P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- P261 Avoid breathing vapor/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P302+P352 If on skin: Wash with plenty of water.
- P308+P313 If exposed or concerned: Get medical advice/attention.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with national regulations.

**Contains**

- Stoddard solvent, Toluene

**Other hazards**

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Mixtures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stoddard solvent</strong></td>
<td>30-60%</td>
</tr>
<tr>
<td>CAS number: 8052-41-3</td>
<td></td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td></td>
</tr>
<tr>
<td>Flam. Liq. 3 - H226</td>
<td></td>
</tr>
<tr>
<td>STOT RE 1 - H372</td>
<td></td>
</tr>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

| **Alkane, C9-12 iso-**          | 10-30%   |
| CAS number: 90622-57-4          |          |
| **Classification**              |          |
| Not Classified                  |          |

| **distillates (petroleum), hydrotreated light** | 5-10% |
| CAS number: 64742-47-8            |       |
| **Classification**                |       |
| Not Classified                    |       |

| **Pine oil**                     | 1-5%    |
| CAS number: 8002-09-3            |       |
| **Classification**               |       |
| Not Classified                    |       |
4. First-aid measures

**Description of first aid measures**

**General information**
Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

**Inhalation**
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

**Ingestion**
Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

**Skin Contact**
Rinse with water.

**Eye contact**
Rinse with water. Get medical attention if any discomfort continues.
Protection of first aiders

First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

No specific symptoms known.

**Ingestion**

No specific symptoms known.

**Skin contact**

Repeated exposure may cause skin dryness or cracking.

**Eye contact**

No specific symptoms known. May be slightly irritating to eyes.

**Indication of immediate medical attention and special treatment needed**

**Notes for the doctor**

Treat symptomatically.

5. **Fire-fighting measures**

**Extinguishing media**

**Suitable extinguishing media**

The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture**

**Specific hazards**

Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapors may be ignited by a spark, a hot surface or an ember. Vapors may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.

**Hazardous combustion products**

Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

**Advice for firefighters**

**Protective actions during firefighting**

Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. **Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated.

**Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.
WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

Methods and material for containment and cleaning up

Methods for cleaning up
Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling
Usage precautions
Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Suspected of damaging the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene
Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions
Store locked up. Keep away from oxidizing materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class
Flammable liquid storage.

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

8. Exposure Controls/personal protection

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation.

Eye/face protection
Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection
Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Respiratory protection
No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls
Keep container tightly sealed when not in use. Avoid release to the environment.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flash point</td>
<td>41.°C CC (Closed cup).</td>
</tr>
<tr>
<td>Upper/lower flammability or</td>
<td>0.9</td>
</tr>
<tr>
<td>explosive limits</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>2. mm Hg @ °C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>&lt;0.1  @ °C Insoluble in water</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>&gt;250°C</td>
</tr>
<tr>
<td>Viscosity</td>
<td>134 s @ °C</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Reactivity
There are no known reactivity hazards associated with this product.

Stability
Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

Possibility of hazardous reactions
The following materials may react strongly with the product: Oxidizing agents.

Conditions to avoid
Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.

Materials to avoid
Oxidizing materials. Acids - oxidizing.
# WINSON & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

**Hazardous decomposition products**

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity - oral

- **Notes (oral LD₅₀)**: Based on available data the classification criteria are not met.
- **ATE oral (mg/kg)**: 25,773.2

#### Acute toxicity - dermal

- **Notes (dermal LD₅₀)**: Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

- **Notes (inhalation LC₅₀)**: Based on available data the classification criteria are not met.
- **ATE inhalation (gases ppm)**: 266,665.09
- **ATE inhalation (vapours mg/l)**: 651.85
- **ATE inhalation (dusts/mists mg/l)**: 88.89

#### Skin corrosion/irritation

- **Animal data**: Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/irritation

- **Serious eye damage/irritation**: Based on available data the classification criteria are not met.

#### Respiratory sensitization

- **Respiratory sensitisation**: Based on available data the classification criteria are not met.

#### Skin sensitization

- **Skin sensitisation**: Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

- **Genotoxicity - in vitro**: Based on available data the classification criteria are not met.

#### Carcinogenicity

- **Carcinogenicity**: Based on available data the classification criteria are not met.
- **IARC carcinogenicity**: None of the ingredients are listed or exempt.

#### Reproductive toxicity

- **Reproductive toxicity - fertility**: Based on available data the classification criteria are not met.
- **Reproductive toxicity - development**: Suspected of damaging the unborn child.

#### Specific target organ toxicity - single exposure

- **STOT - single exposure**: Not classified as a specific target organ toxicant after a single exposure.

#### Specific target organ toxicity - repeated exposure

- **STOT - repeated exposure**: STOT RE 1 - H372 Causes damage to organs through prolonged or repeated exposure.

#### Aspiration hazard

- **Aspiration hazard**: Based on available data the classification criteria are not met.
## WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

### General information
Avoid contact during pregnancy/while nursing. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### Inhalation
No specific symptoms known.

### Ingestion
No specific symptoms known.

### Skin Contact
Repeated exposure may cause skin dryness or cracking.

### Eye contact
No specific symptoms known.

### Acute and chronic health hazards
Gas or vapor is harmful on prolonged exposure or in high concentrations.

### Route of entry
Ingestion Inhalation Skin and/or eye contact

### Target Organs
No specific target organs known.

#### 12. Ecological Information

#### Ecotoxicity
Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.

#### Toxicity

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>Acute toxicity - fish</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Acute toxicity - aquatic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>invertebrates</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Acute toxicity - microorganisms</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

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

#### Bioaccumulative potential
No data available on bioaccumulation.

#### Mobility in soil
No data available.

#### Other adverse effects
None known.

#### 13. Disposal considerations

##### Waste treatment methods

<table>
<thead>
<tr>
<th>General information</th>
<th>The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposal methods</td>
<td>Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.</td>
</tr>
</tbody>
</table>
**WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES**

**Waste class**
08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

### 14. Transport information

| UN Number | 1263 |
| UN No. (DOT) | 1263 |
| UN No. (IMDG) | 1263 |
| UN No. (ICAO) | 1263 |

**UN proper shipping name**

| Proper shipping name (DOT) | PAINT RELATED MATERIAL |
| Proper shipping name (IMDG) | PAINT RELATED MATERIAL |
| Proper shipping name (ICAO) | PAINT RELATED MATERIAL |

**Transport hazard class(es)**

| IMDG Class | 3 |
| ICAO class/division | 3 |

**Transport labels**

![Label]

**Packing group**

| DOT pack group | III |
| IMDG packing group | III |
| ICAO packing group | III |

**Environmental hazards**

**Environmentally Hazardous Substance**

![Label]

**Special precautions for user**

| EmS | F-E, S-E |

### 15. Regulatory information
WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

Regulatory Status

This product has been evaluated by a toxicologist and labelled for acute and chronic health hazards in accordance with the Labelling of Hazardous Art Materials Regulation and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act. This product conforms to ASTM D-4236 Standard Practice for Labelling Art Materials for Chronic Adverse health effects.

This product has been certified by ACMI (Artists Craft Material Institute, Inc.) to carry the CL (Cautionary Labelling) Seal, meaning the following warnings and safe use instructions should be observed.

WARNING: COMBUSTIBLE. MAY BE HARMFUL IF SWALLOWED. VAPOR HARMFUL. EYE IRRITANT.
Contains: PETROLEUM DISTILLATES

PRECAUTIONS: Keep away from eyes. Avoid ingestion. Do not store or use near heat or flame. Use only with adequate ventilation. KEEP OUT OF REACH OF CHILDREN.
FIRST AID TREATMENT: If eye contact 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. If swallowed, get prompt medical attention. For Health information only call 1-800-628-3385 Piscataway NJ 08855.

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are listed or exempt.

SARA 313 Emission Reporting
None of the ingredients are listed or exempt.

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

FDA - Essential Chemical
None of the ingredients are listed or exempt.

FDA - Precursor Chemical
None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories
None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals
None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)
None of the ingredients are listed or exempt.
WINSON & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances
None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List
None of the ingredients are listed or exempt.

Rhode Island "Right To Know" List
None of the ingredients are listed or exempt.

Minnesota "Right To Know" List
None of the ingredients are listed or exempt.

New Jersey "Right To Know" List
None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List
None of the ingredients are listed or exempt.

Inventories
US - TSCA
None of the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
None of the ingredients are listed or exempt.

16. Other information

Training advice
Read and follow manufacturer's recommendations.

Revision date
11/17/2015

Revision
5

Supersedes date
7/31/2015

SDS No.
23139

Hazard statements in full
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.
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.
H413 May cause long lasting harmful effects to aquatic life.
WINSOR & NEWTON ARTISTS' GLOSS VARNISH / VERNIS BRILLANT POUR ARTISTES

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.