SAFETY DATA SHEET
W&N PICTURE VARNISH (GLOSS, SATIN & MATT)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME  W&N PICTURE VARNISH (GLOSS, SATIN & MATT)
PRODUCT NO.    3000982/ 3000984/ 3000981
APPLICATION    Varnish for Oil Painting
SUPPLIER       Colart Fine Art & Graphics Limited
                Whitefriars Avenue
                Harrow
                Middlesex HA3 5RH
                +44 (0) 208 4274343
                44 (0) 208 42433217

2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTANE</td>
<td>203-448-7</td>
<td>106-97-8</td>
<td>10-30%</td>
<td>F+,R12</td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>200-661-7</td>
<td>67-63-0</td>
<td>10-30%</td>
<td>F;,R11 X;,R36 R67</td>
</tr>
</tbody>
</table>

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. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.


ENVIRONMENT
The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

PHYSICAL AND CHEMICAL HAZARDS
Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

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

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: 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 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.
W&N PICTURE VARNISH (GLOSS, SATIN & MATT)

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.

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

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m3</th>
<th>ST - ppm</th>
<th>ST - mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTANE</td>
<td>OES</td>
<td>600 ppm</td>
<td>1450 mg/m3</td>
<td>750 ppm</td>
<td>1810 mg/m3</td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>OES</td>
<td>400 ppm</td>
<td>999 mg/m3</td>
<td>500 ppm</td>
<td>1250 mg/m3</td>
</tr>
</tbody>
</table>

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
No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

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
W&N PICTURE VARNISH (GLOSS, SATIN & MATT)

ODOUR
Organic solvents.

PHYSICAL DATA COMMENTS
Information given concerns the major ingredient.

FLASH POINT (°C) <40
AUTO IGNITION > 400

TEMPERATURE (°C)

FLAMMABILITY LIMIT - LOWER(%) 1.8
FLAMMABILITY LIMIT - UPPER(%) 9.5

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

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

HAZARDOUS DECOMPOSITION PRODUCTS

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. Stupor.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product contains a substance which is harmful 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)

## UN NO. ROAD
1950

## ADR CLASS NO.
2

## ADR CLASS
Class 2.1: Flammable gases.

## HAZARD No. (ADR)
23 Flammable Gas

## HAZCHEM CODE
N/A

## CEFIC TEC(R) NO.
20G53

## RID CLASS NO.
2

## RID PACK GROUP
5F

## UN NO. SEA
1950

## IMDG CLASS
2.1

## IMDG PAGE NO.
2102

## IMDG PACK GR.
N/A

## EMS
2-13

## MFAG
620

## MARINE POLLUTANT No.
UN NO. AIR
1950

## AIR CLASS
2.1

## AIR SUB CLASS
N/A

## 15 REGULATORY INFORMATION

### LABELLING

Extremely Flammable

CONTAINS
White spirit

### RISK PHRASES

<table>
<thead>
<tr>
<th>Phrase</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R12</td>
<td>Extremely flammable.</td>
</tr>
<tr>
<td>R52/53</td>
<td>Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>R66</td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
<tr>
<td>R67</td>
<td>Vapours may cause drowsiness and dizziness.</td>
</tr>
</tbody>
</table>

### SAFETY PHRASES

<table>
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</thead>
<tbody>
<tr>
<td>S2</td>
<td>Keep out of the reach of children</td>
</tr>
<tr>
<td>S9</td>
<td>Keep container in a well-ventilated place.</td>
</tr>
<tr>
<td>S16</td>
<td>Keep away from sources of ignition - No smoking.</td>
</tr>
<tr>
<td>S37</td>
<td>Wear suitable gloves.</td>
</tr>
<tr>
<td>S51</td>
<td>Use only in well-ventilated areas.</td>
</tr>
<tr>
<td>S56</td>
<td>Dispose of this material and its container to hazardous or special waste collection point.</td>
</tr>
</tbody>
</table>

### EU DIRECTIVES


## 16 OTHER INFORMATION

### DATE
01/11/2007
W&N PICTURE VARNISH (GLOSS, SATIN & MATT)

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.

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.