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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
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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 | 10-30% | 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. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION F+;R12. R52/53, R66, R67.

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

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

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 TEMPERATURE (°C) | > 400 |
| 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

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

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

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



| | | | |
|----------------------|---|------------------|-------|
| 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. | ADR PACK GROUP | 5F |
| HAZARD No. (ADR) | 23 Flammable Gas | ADR LABEL NO. | 3 |
| HAZCHEM CODE | N/A | CEPIC 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 |
| AIR PACK GR. | N/A | | |

15 REGULATORY INFORMATION

LABELLING



Extremely Flammable

CONTAINS

White spirit

RISK PHRASES

| | |
|--------|---|
| R12 | Extremely flammable. |
| R52/53 | Harmful 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. |
| S37 | Wear suitable gloves. |
| S51 | Use only in well-ventilated areas. |
| S56 | Dispose of this material and its container to hazardous or special waste collection point. |

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

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.