SAFETY DATA SHEET

LEFRANC & BOURGEOIS VERNIS SATINE A TABLEAUX AEROSOL / SATIN PICTURE VARNISH SPRAY

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 LEFRANC & BOURGEOIS VERNIS SATINE A TABLEAUX AEROSOL / SATIN PICTURE

VARNISH SPRAY

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

Identified uses Varnish for Oil Painting Varnish for Acrylic Painting

Uses advised againstNo specific uses advised against are identified.

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

Contact person Regulatory Manager

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 (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 STOT RE 1 - H372

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or Xi;R38. F+;R12. R52/53,R67.

1999/45/EC)

2.2. Label elements

LEFRANC & BOURGEOIS VERNIS SATINE A TABLEAUX AEROSOL / SATIN PICTURE VARNISH SPRAY

Pictogram







Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H315 Causes skin irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing vapour/ spray.

P271 Use only outdoors or in a well-ventilated area.

Supplemental label

information

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains Stoddard solvent

Supplementary precautionary

statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use. P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.
P314 Get medical advice/ attention if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DIMETHYL ETHER 30-60%

CAS number: 115-10-6 EC number: 204-065-8 REACH registration number: 01-

2119472128-37

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Gas 1 - H220 F+;R12

Press. Gas

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Stoddard solvent 10-13%

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

2-METHYLPENTANE 5-11%

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 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

Hydrocarbons, C10-C12, <2% aromatics 5-10%

CAS number: 90622-57-4 EC number: 923-037-2 REACH registration number: 01-

2119471991-29xxx

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Lig. 3 - H226 Xn;R65. R53,R66,R10.

Asp. Tox. 1 - H304 Aquatic Chronic 4 - H413

BUTANONE 3-7%

CAS number: 78-93-3 EC number: 201-159-0 REACH registration number: 01-

2119457290-43-xxxx

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 2 - H225 F;R11 Xi;R36 R66 R67

Eye Irrit. 2 - H319 STOT SE 3 - H336

Hydrocarbons, C14-C18, <2% aromatics

CAS number: 64742-47-8 EC number: 927-632-8 REACH registration number: 01-

2119457736-27-0001

Classification Classification (67/548/EEC or 1999/45/EC)

Asp. Tox. 1 - H304 Xn;R65. R66.

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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

Toluene <1%

CAS number: 108-88-3 EC number: 203-625-9 REACH registration number: 01-

2119471310-51-XXXX

Classification

Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412

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

4.2. 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 Spray/mists may cause respiratory tract irritation.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur.

Skin contact Redness. Irritating to skin.

Eye contact May be slightly irritating to eyes. May cause discomfort.

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

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Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. 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.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. If

aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised

contents and propellant.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. 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 vapours 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. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. 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. Risk of explosion. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the

aquatic environment.

6.3. 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. 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.

6.4. Reference to other sections

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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

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. Avoid exposing aerosol containers to high temperatures or direct sunlight. 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 spray on an open flame or other ignition source. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store locked up. Keep away from oxidising 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. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding

50°C/122°F.

Storage class Miscellaneous hazardous material storage.

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

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): OES 400 ppm 766 mg/m³ Short-term exposure limit (15-minute): OES 500 ppm 958 mg/m³

BUTANONE

Long-term exposure limit (8-hour TWA): OES 200 ppm 600 mg/m³ Short-term exposure limit (15-minute): OES 300 ppm 899 mg/m³

8.2. 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.

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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 European Standard EN374. 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.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Aerosol.

Odour Organic solvents.

pH Not applicable.

Initial boiling point and range 55°C @

Flash point Not applicable.

Vapour pressure Not applicable.

Relative density <1 @ °C

Solubility(ies) Insoluble in water

Auto-ignition temperature 200°C

9.2. Other information

Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

The following materials may react strongly with the product: Oxidising agents.

reactions

10.4. Conditions to avoid

Conditions to avoid Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised

container: may burst if heated

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10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition Does not decompose when used and stored as recommended. Thermal decomposition or

combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

products

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

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.

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

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

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicityNone 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.

8/12

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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 Spray/mists may cause respiratory tract irritation.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur.

Skin contact Redness. Irritating to skin.

Eye contact May be slightly irritating to eyes. May cause discomfort.

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.

Route of entry Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Medical symptoms Arrhythmia, (deviation from normal heart beat). Symptoms following overexposure may

include the following: Headache. Dizziness. Unconsciousness.

SECTION 12: Ecological Information

EcotoxicityThe product contains a substance which is harmful to aquatic organisms and which may

cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Toxicity Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

Acute toxicity - fish Not available.

Acute toxicity - aquatic

invertebrates

Not available.

Acute toxicity - aquatic plants Not available.

Acute toxicity - Not available.

microorganisms

12.2. Persistence and degradability

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

Biodegradation Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all

surfaces.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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General information The generation of waste should be minimised 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.

Disposal methods 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

General For limited quantity packaging/limited load information, consult the relevant modal

documentation using the data shown in this section.

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

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

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation 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).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

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).

Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

Council Directive of 20 May 1975 on the approximation of the laws of the Member States

relating to aerosol dispensers (75/324/EEC) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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.

SECTION 16: Other information

Classification procedures according to Regulation (EC)

STOT RE 1 - H372: Skin Irrit. 2 - H315: : Calculation method. Aquatic Chronic 3 - H412: :

C) Calculation method. Aerosol 1 - H222, H229: : Expert judgement.

1272/2008

Training advice Read and follow manufacturer's recommendations.

Revision date 14/02/2017

Revision 5

Supersedes date 11/09/2015

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Risk phrases in full R10 Flammable.

R11 Highly flammable R12 Extremely flammable. R36 Irritating to eyes.

R36/37/38 Irritating to eyes, respiratory system and skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50 Very toxic to aquatic organisms.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R53 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.

H315 Causes skin irritation.

H319 Causes serious eye 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.

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.