According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

1.1. Product identifier	
Product name	LEFRANC & BOURGEOIS VERNIS A RETOUCHER SURFIN AEROSOL / EXTRA FINE RETOUCHING VARNISH SPRAY
1.2. Relevant identified use	es of the substance or mixture and uses advised against
Identified uses	Varnish for Oil Painting
Uses advised against	No 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		
Physical hazards	Aerosol 1 - H222, H229	
Health hazards	Skin Irrit. 2 - H315 STOT SE 3 - H336 STOT RE 2 - H373	
Environmental hazards	Aquatic Chronic 3 - H412	

Classification (67/548/EEC or F+;R12. R52/53,R66,R67. 1999/45/EC)

2.2. Label elements

Pictogram



Signal word



Hazard statements	 H229 Pressurised container: may burst if heated H412 Harmful to aquatic life with long lasting effects. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H222 Extremely flammable aerosol. H315 Causes skin irritation.
Precautionary statements	 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. P260 Do not breathe vapour/spray. P264 Wash contaminated skin thoroughly after handling. 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. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P314 Get medical advice/attention if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. 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.
Contains	2-METHYLPENTANE, Hydrocarbons, C9-C11, < 2% aromatics, Stoddard solvent
Supplementary precautionary statements	P261 Avoid breathing vapour/spray. P312 Call a POISON CENTER/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label).

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

BUTANE		30-60%
CAS number: 106-97-8	EC number: 203-448-7	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220	F+;R12	
Press. Gas		

2-METHYLPENTANE			10-30%
CAS number: 107-83-5	EC number: 203-523-4		
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411		assification (67/548/EEC or 1999/45/EC) R11 Xn;R65 Xi;R38 R67 N;R51/53	
Hydrocarbons, C9-C11, < 2% aromatics			5-10%
CAS number: 64742-48-9	EC number: 919-857-5	REACH registration number: 01- 2119463258-33-xxxx	
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 STOT SE 3 - H336		assification (67/548/EEC or 1999/45/EC) n;R65. R10,R66,R67.	
Stoddard solvent			1-5%
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			
XYLENE			1-5%
CAS number: 1330-20-7	EC number: 215-535-7		
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Acute Tox. 4 - H312 Acute Tox. 4 - H332		assification (67/548/EEC or 1999/45/EC) 10 Xn;R20/21 Xi;R38	
2-METHOXY-1-METHYLETHYL ACETA	TE		1-5%
CAS number: 108-65-6	EC number: 203-603-9		
Classification Flam. Liq. 3 - H226	Cla R1	assification (67/548/EEC or 1999/45/EC) 10	

Nonane		<1%
CAS number: 111-84-2	EC number: 203-913-4	REACH registration number: 01-
M factor (Acute) = 1		2119463259-31-XXXX
Milaciol (Acute) - 1		
Classification Flam. Liq. 3 - H226		
Aquatic Acute 1 - H400		
The Full Text for all R-Phrase	s and Hazard Statements are Displayed in Sec	ction 16.
SECTION 4: First aid measur	es	
4.1. Description of first aid me	easures	
General information	Get medical attention if any discomfort contin personnel.	nues. Show this Safety Data Sheet to the medical
Inhalation	breathing. Maintain an open airway. Loosen	
Ingestion	the affected person feels sick as vomiting material to an unconscious person. Place unconscious	ew small glasses of water or milk to drink. Stop if ay be dangerous. Never give anything by mouth us person on their side in the recovery position affected person under observation. Get medical
Skin contact	Rinse with water.	
Eye contact	Rinse with water. Get medical attention if an	y discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate	protective equipment during any rescue.
4.2. Most important symptom	s and effects, both acute and delayed	
General information	The severity of the symptoms described will length of exposure.	vary dependent on the concentration and the
Inhalation		adverse effects: Headache. Nausea, vomiting. ness, dizziness, disorientation, vertigo. Narcotic
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 immedia	ate medical attention and special treatment nee	eded
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting mea	sures	

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	om 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. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. 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	se measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautionsWear 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. Avoid
inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate.

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.

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. 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 storag	e, 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 & Experime Contro	la/normanal protoction

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

BUTANE

Long-term exposure limit (8-hour TWA): OES 600 ppm 1450 mg/m³ Short-term exposure limit (15-minute): OES 750 ppm 1810 mg/m³

XYLENE

Long-term exposure limit (8-hour TWA): OES 50 ppm 220 mg/m³ Short-term exposure limit (15-minute): OES 100 ppm 441 mg/m³

2-METHOXY-1-METHYLETHYL ACETATE

Long-term exposure limit (8-hour TWA): OES 50 ppm(Sk) 274 mg/m3(Sk) Short-term exposure limit (15-minute): OES 100 ppm(Sk) 548 mg/m3(Sk)

Ingredient comments OES = Occupational Exposure Standard.

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.

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 liquid contact and repeated or prolonged vapour 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	Liquid Aerosol.	
Colour	Colourless.	
Odour	Organic solvents.	
Flash point	<0°C CC (Closed cup).	
Solubility(ies)	Insoluble in water	
9.2. Other information		
Other information	Not available.	
SECTION 10: Stability and rea	activity	
10.1. Reactivity		
Reactivity	There are no known reactivity hazards associated with this product.	
10.2. Chemical stability		
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 reactions	The following materials may react strongly with the product: Oxidising agents.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated	
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		

10.6. Hazardous decomposition products

Hazardous decomposition
productsDoes 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 int	formation
11.1. Information on toxicologi	cal effects
Acute toxicity - oral Notes (oral LD∞)	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.
ATE dermal (mg/kg)	32,934.13
Acute toxicity - inhalation Notes (inhalation LC50)	Based on available data the classification criteria are not met.
ATE inhalation (gases ppm)	134,730.54
ATE inhalation (vapours mg/l)	329.34
ATE inhalation (dusts/mists mg/l)	44.91
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 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	Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure	
STOT - single exposure	STOT SE 3 - H336 May cause drowsiness or dizziness.
Target organs	Central nervous system
Specific target organ toxicity -	
STOT - repeated exposure	STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.

Medical symptoms	Arrhythmia, (deviation from normal heart beat). Symptoms following overexposure may include the following: Headache. Dizziness. Unconsciousness.
Target organs	Central nervous system
Route of entry	Ingestion Inhalation Skin and/or eye contact
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.
Eye contact	May be slightly irritating to eyes. May cause discomfort.
Skin contact	Redness. Irritating to skin.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

SECTION 12: Ecological Information

SECTION 13: Disposal considerations	
Other adverse effects	None known.
12.6. Other adverse effects	
12.5. Results of PBT and vPvB assessment	
Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
12.4. Mobility in soil	
Bioaccumulative potential	No data available on bioaccumulation.
12.3. Bioaccumulative potential	
Persistence and degradability	The degradability of the product is not known.
12.2. Persistence and degradability	
microorganisms	
Acute toxicity -	Not determined.
Acute toxicity - aquatic plants	Not determined.
Acute toxicity - aquatic invertebrates	Not determined.
Acute toxicity - fish	Not determined.
Toxicity	Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.
12.1. Toxicity	
Ecotoxicity	There are no data on the ecotoxicity of this product.

13.1. Waste treatment methods

LEFRANC & BOURGEOIS VERNIS A RETOUCHER SURFIN AEROSOL / EXTRA FINE RETOUCHING VARNISH SPRAY

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 inform	ation	
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.

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		
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.

SECTION 16: Other information

Classification procedures according to Regulation (EC) 1272/2008	STOT RE 2 - H373: STOT SE 3 - H336: Skin Irrit. 2 - H315: : Calculation method. Aquatic Chronic 3 - H412: : Calculation method. Aerosol 1 - H222, H229: : Expert judgement.
Training advice	Read and follow manufacturer's recommendations.
Revision date	23/11/2015
Revision	5
Supersedes date	17/11/2015

Risk phrases in full	 R10 Flammable. R11 Highly flammable R12 Extremely flammable. R20/21 Harmful by inhalation and in contact with skin. R38 Irritating to skin. 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. 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. H312 Harmful in contact with skin. H315 Causes skin irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. 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.

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.