

SAFETY DATA SHEET

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

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

1.3. Details of the supplier of the safety data sheet

Supplier	ColArt International SA 5 Rue Rene Panhard Z.I .Nord 72021 Le Mans Cedex 2 +33 2 43 83 83 00 Lefranc-Bourgeois@colart.fr
Contact Person	Jon Lloyd Group Regulatory Affairs Manager +44 (0)20842434224; j.lloyd@colart.co.uk
Manufacturer	ColArt International SA 5 Rue Rene Panhard Z.I .Nord 72021 Le Mans Cedex 2 +33 2 43 83 83 00 Lefranc-Bourgeois@colart.fr

1.4. Emergency telephone number

44 (0) 208 4243224 This telephone number is available during office hours only

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC)

F+;R12.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H222 Extremely flammable aerosol.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.

Supplementary Precautionary Statements

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

2-BUTOXYETHANOL		< 1%
CAS-No.: 111-76-2	EC No.: 203-905-0	Registration Number: 01-2119475108-36-xxxx
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38	
2-DIMETHYLAMINOETHANOL		< 1%
CAS-No.: 108-01-0	EC No.: 203-542-8	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) R10 C;R34 Xn;R20/21/22	
ACETONE		1-5%
CAS-No.: 67-64-1	EC No.: 200-662-2	Registration Number: 01-2119471330-49-xxxx
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67	
DIMETHYL ETHER		30-60%
CAS-No.: 115-10-6	EC No.: 204-065-8	
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
FORMALDEHYDE ...%		< 1%
CAS-No.: 50-00-0	EC No.: 200-001-8	
Classification (EC 1272/2008) Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335	Classification (67/548/EEC) Carc. Cat. 3;R40 T;R23/24/25 C;R34 R43	

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

TRIETHYLAMINE		< 1%
CAS-No.: 121-44-8	EC No.: 204-469-4	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Flam. Liq. 2 - H225		F;R11
Acute Tox. 4 - H302		C;R35
Acute Tox. 4 - H312		Xn;R20/21/22
Acute Tox. 4 - H332		
Skin Corr. 1A - H314		
STOT SE 3 - H335		

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

Move the exposed person to fresh air at once.

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: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

May explode when heated or when exposed to flames or sparks. Extremely flammable.

Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

5.3. Advice for firefighters

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid inhalation of vapours and aerosol spray. In case of inadequate ventilation, use respiratory protection.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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.

7.2. Conditions for safe storage, including any incompatibilities

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.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	OES	25 ppm(Sk)		50 ppm(Sk)		
2-DIMETHYLAMINOETHANOL	OES	2 ppm	7.4 mg/m ³	6 ppm	22 mg/m ³	
ACETONE	OES	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³	
DIMETHYL ETHER	OES	400 ppm	766 mg/m ³	500 ppm	958 mg/m ³	
FORMALDEHYDE ...%	MEL	2 ppm	2.5 mg/m ³	2 ppm	2.5 mg/m ³	
TRIETHYLAMINE	OES	2 ppm(Sk)	8 mg/m ³ (Sk)	4 ppm(Sk)	17 mg/m ³ (Sk)	

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of spray.

Respiratory equipment

In case of inadequate ventilation use suitable respirator.

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 hands 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Colourless.
Odour	Organic solvents.
Flash point	<40
Auto Ignition Temperature (°C)	> 400
Flammability Limit - Lower(%)	1.8
Flammability Limit - Upper(%)	9.5
Comments	Information given concerns the major ingredient.

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

9.2. Other information**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity****10.2. Chemical stability**

Avoid Heat, sparks, flames.

10.3. Possibility of hazardous reactions**10.4. Conditions to avoid**

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

10.5. Incompatible materials**10.6. Hazardous decomposition products**

During fire, toxic gases (CO, CO₂, NO_x) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****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. Arrhythmia, (deviation from normal heart beat).

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

There are no data on the ecotoxicity of this product.

12.1. Toxicity**12.2. Persistence and degradability****12.3. Bioaccumulative potential****12.4. Mobility in soil****Mobility:**

Highly volatile and will rapidly evaporate to the air

12.5. Results of PBT and vPvB assessment**12.6. Other adverse effects**

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Do not puncture or incinerate even when empty.

13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION**14.1. UN number**

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

14.2. UN proper shipping name

Proper Shipping Name AEROSOLS, FLAMMABLE, N.O.S. (Contains Acetone and Liquefied Petroleum Gases)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	5F
ADR/RID/ADN Class	Class 2.1: Flammable gases.
ADR Label No.	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
Transport Labels	

**14.4. Packing group**

ADR/RID/ADN Packing group II

14.5. Environmental hazards**14.6. Special precautions for user****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**

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment**SECTION 16: OTHER INFORMATION**

Date 27/07/2012

LIQUITEX PROFESSIONAL SPRAY SATIN VARNISH

Risk Phrases In Full

R34	Causes burns.
R35	Causes severe burns.
R12	Extremely flammable.
R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R11	Highly flammable
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R67	Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.