

SAFETY DATA SHEET

LIQUITEX PROFESSIONAL SPRAY PAINT

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 LIQUITEX PROFESSIONAL SPRAY PAINT

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

Identified uses Fine Art Painting

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 2 - H223, H229

Health hazards Not Classified

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) ;R10.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H223 Flammable aerosol.
H229 Pressurised container: may burst if heated

LIQUITEX PROFESSIONAL SPRAY PAINT

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.

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

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

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

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ethyl Alcohol			18-27
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	

Classification

Flam. Liq. 2 - H225

Eye Irrit. 2 - H319

DIMETHYL ETHER			10-30%
CAS number: 115-10-6	EC number: 204-065-8	REACH registration number: 01-2119472128-37	

Classification

Flam. Gas 1 - H220

Press. Gas

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

F+;R12

ACETONE			0.1-3.5
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-xxxx	

Classification

Flam. Liq. 2 - H225

Eye Irrit. 2 - H319

STOT SE 3 - H336

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

F;R11 Xi;R36 R66 R67

METHANOL			<1%
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-xxxx	

Classification

Flam. Liq. 2 - H225

Acute Tox. 3 - H301

Acute Tox. 3 - H311

Acute Tox. 3 - H331

STOT SE 1 - H370

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

F;R11 T;R23/24/25,R39/23/24/25

LIQUITEX PROFESSIONAL SPRAY PAINT

PROPAN-2-OL		<1%
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-xxxx
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R67	
TRIETHYLAMINE		<1%
CAS number: 121-44-8	EC number: 204-469-4	
Classification Flam. Liq. 2 - H225 Skin Corr. 1A - H314 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 STOT SE 3 - H335 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) F;R11 C;R35 Xn;R20/21/22	
2-DIMETHYLAMINOETHANOL		<1%
CAS number: 108-01-0	EC number: 203-542-8	
Classification Flam. Liq. 3 - H226 Skin Corr. 1B - H314 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 STOT SE 3 - H335 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) R10 C;R34 Xn;R20/21/22	
Polyethylene glycol octylphenyl ether		<0.3%
CAS number: 9036-19-5		
Classification Aquatic Chronic 3 - H412	Classification (67/548/EEC or 1999/45/EC) -	
METHYL ACETATE		<1%
CAS number: 79-20-9	EC number: 201-185-2	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67	

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

LIQUITEX PROFESSIONAL SPRAY PAINT

Composition comments Ethyl Alcohol has a specific Concentration limit of >50% for causes serious eye irritation (H319). Therefore this classification is not applied to the product.,Contains SVHC, CAS 9036-19-5≥ 0.1%. For Deep Yellow Hue, Cadmium Red Light Hue, Quina Magenta, Prusian Blue 5, Prusian Blue Hue, Phthalo Blue (Red Shade), Turquoise, Brilliant Blue, Phthalo Green (Blue shade) 6, 5, Permanent Green Deep, Emerald Green, HK Green H P, Permanent SAP green, Permanent Viridian Hue and Hue 5 Only.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once.
Inhalation	Keep affected person away from heat, sparks and flames. Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.
Eye contact	If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids 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

Suitable extinguishing media Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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. FLAMMABLE. May explode when heated or when exposed to flames or sparks.

5.3. Advice for firefighters

Protective actions during firefighting 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

Personal precautions Provide adequate ventilation. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

LIQUITEX PROFESSIONAL SPRAY PAINT

Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep away from heat, sparks and open flame. Avoid inhalation of vapours and spray mists. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Eliminate all sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

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.

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

Ethyl Alcohol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

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

ACETONE

Long-term exposure limit (8-hour TWA): OES 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): OES 1500 ppm 3620 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): OES 200 ppm(Sk) 266 mg/m³(Sk)

Short-term exposure limit (15-minute): OES 250 ppm(Sk) 333 mg/m³(Sk)

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OES 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): OES 500 ppm 1250 mg/m³

TRIETHYLAMINE

Long-term exposure limit (8-hour TWA): OES 2 ppm(Sk) 8 mg/m³(Sk)

Short-term exposure limit (15-minute): OES 4 ppm(Sk) 17 mg/m³(Sk)

2-DIMETHYLAMINOETHANOL

Long-term exposure limit (8-hour TWA): OES 2 ppm 7.4 mg/m³

Short-term exposure limit (15-minute): OES 6 ppm 22 mg/m³

METHYL ACETATE

Long-term exposure limit (8-hour TWA): OES 200 ppm 616 mg/m³

Short-term exposure limit (15-minute): OES 250 ppm 770 mg/m³

WEL = Workplace Exposure Limit

LIQUITEX PROFESSIONAL SPRAY PAINT

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body 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.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Various colours.
Odour	Organic solvents.
Flash point	<40°C
Upper/lower flammability or explosive limits	: 1.8
Other flammability	Aerosol ignition distance: 30 cm
Auto-ignition temperature	> 400°C
Comments	Information given is applicable to the major ingredient.

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Avoid the following conditions: Heat, sparks, flames.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.
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10.5. Incompatible materials

10.6. Hazardous decomposition products

LIQUITEX PROFESSIONAL SPRAY PAINT

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 18,993.35

Acute toxicity - dermal

Notes (dermal LD₅₀) Not determined.

ATE dermal (mg/kg) 56,980.06

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined.

ATE inhalation (vapours mg/l) 569.8

Inhalation Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

Skin contact Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

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. Gas or vapour in high concentrations may irritate the respiratory system.

Route of entry Inhalation

Target organs Central nervous system Respiratory system, lungs

Medical symptoms Symptoms following overexposure may include the following: 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

Acute toxicity - fish Not determined.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity - microorganisms Not determined.

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility Highly volatile and will rapidly evaporate to the air

LIQUITEX PROFESSIONAL SPRAY PAINT

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Do not puncture or incinerate even when empty.
Disposal methods	Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Waste class	08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

LIQUITEX PROFESSIONAL SPRAY PAINT

SECTION 15: Regulatory information

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

EU legislation

Dangerous Substances Directive 67/548/EEC.
 Dangerous Preparations Directive 1999/45/EC.
 System of specific information relating to Dangerous Preparations. 2001/58/EC.
 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).
 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).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	28/07/2015
Revision	9
Supersedes date	18/06/2015
Risk phrases in full	<p>R10 Flammable. R11 Highly flammable R12 Extremely flammable. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R20/22 Harmful by inhalation and if swallowed. R34 Causes burns. R35 Causes severe burns. R36 Irritating to eyes. R37 Irritating to respiratory system. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.</p>
Hazard statements in full	<p>H220 Extremely flammable gas. H223 Flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated 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. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H370 Causes damage to organs . H412 Harmful to aquatic life with long lasting effects.</p>

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.