

# SAFETY DATA SHEET

## LIQUITEX PROFESSIONAL SPRAY PAINT

### 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

#### 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

#### 1.4. Emergency telephone number

33 (0)2 43 83 83 00 This number is only available during office hours.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) R10.

#### 2.2. Label elements

Risk Phrases	R10	Flammable.
Safety Phrases	A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
	A2	Do not spray on a naked flame or any incandescent material.
	S2	Keep out of the reach of children.
	S16	Keep away from sources of ignition - No smoking.
	S23	Do not breathe vapour/spray.
	S51	Use only in well-ventilated areas.
	S56	Dispose of this material and its container to hazardous or special waste collection point.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

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 Single 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

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Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT Single 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67
Denatured alcohol	10-30%
CAS-No.: 64-17-5	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R20/22. F;R11.
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
TRIETHYLAMINE	< 1%
CAS-No.: 121-44-8	EC No.: 204-469-4
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1A - H314 STOT Single 3 - H335	Classification (67/548/EEC) F;R11 C;R35 Xn;R20/21/22

The Full Text for all R-Phrases and Hazard Statements is 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

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## Unusual Fire & Explosion Hazards

HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition. Aerosol cans may explode in a fire.

## 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**

## 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-DIMETHYLAMINOETHANOL	OES	2 ppm	7.4 mg/m <sup>3</sup>	6 ppm	22 mg/m <sup>3</sup>	
ACETONE	OES	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>	
DIMETHYL ETHER	OES	400 ppm	766 mg/m <sup>3</sup>	500 ppm	958 mg/m <sup>3</sup>	
TRIETHYLAMINE	OES	2 ppm(Sk)	8 mg/m <sup>3</sup> (Sk)	4 ppm(Sk)	17 mg/m <sup>3</sup> (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.

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## 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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

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

### 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, CO<sub>2</sub>, NO<sub>x</sub>) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### 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. 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

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## 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

## 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, NOS (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.

### 15.2. Chemical Safety Assessment

## SECTION 16: OTHER INFORMATION

Date 26/05/10

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### Risk Phrases In Full

R34	Causes burns.
R35	Causes severe burns.
R12	Extremely flammable.
R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R11	Highly flammable.
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.

### Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.

### 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.