

SAFETY DATA SHEET**LEFRANC & BOURGEOIS HUILE EXTRA-FINE Blanc De Titane Zinc & Blanc De Titane / Titanium Zinc White & Titanium White**

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 HUILE EXTRA-FINE Blanc De Titane Zinc & Blanc De Titane / Titanium Zinc White & Titanium White

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 Not Classified

Health hazards Not Classified

Environmental hazards Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) N;R51/53.

2.2. Label elements**Pictogram**

Hazard statements H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with national regulations.

Supplementary precautionary statements P391 Collect spillage.
P501 Dispose of contents/container to ...

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ZINC OXIDE	5-10%
CAS number: 1314-13-2	EC number: 215-222-5
	REACH registration number: 01-2119463881-32-xxxx
M factor (Acute) = 1	M factor (Chronic) = 1

Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N;R50/53
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XYLENE	<1%
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	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/21 Xi;R38
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ETHYLBENZENE	<1%
CAS number: 100-41-4	EC number: 202-849-4

Classification Flam. Liq. 2 - H225 Acute Tox. 4 - H332	Classification (67/548/EEC or 1999/45/EC) F;R11 Xn;R20
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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

Inhalation No specific recommendations.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

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

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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: Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards Fire creates: Oxides of the following substances: Carbon. May ignite other combustible materials.

5.3. Advice for firefighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. 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

Occupational exposure limits

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

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): OES 100 ppm 441 mg/m³

Short-term exposure limit (15-minute): OES 125 ppm 552 mg/m³

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Appropriate engineering controls No specific ventilation requirements.

Eye/face protection Not relevant.

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

Hygiene measures No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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Respiratory protection No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	White.
Odour	Characteristic.
Initial boiling point and range	>300°C @ 760 mm Hg
Flash point	>230°C CC (Closed cup).
Relative density	1.00 - 2.7 @ °C
Solubility(ies)	Immiscible with water
Auto-ignition temperature	>300°C

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid Keep away from combustible material. Possible spontaneous combustion on drying.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

General information This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

Inhalation May cause respiratory system irritation.

Ingestion May cause discomfort if swallowed.

Skin contact Slightly irritating.

Eye contact Irritating to eyes.

Acute and chronic health hazards No specific health hazards known.

Route of entry Inhalation Skin and/or eye contact.

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SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)

14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID label 9

IMDG class 9

ICAO subsidiary risk 9

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

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ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

Tunnel restriction code (E)

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 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).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	04/01/2016
Revision	7
Supersedes date	14/07/2015
Risk phrases in full	R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H312 Harmful in contact with skin. H315 Causes skin irritation. H332 Harmful if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic 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.