

01593-1009**MATERIAL DATA SHEET**

According to RD 1078/1993 and RD 363/1995.

Description: Turpentine

Date: 17.3.97

Page 1 / 5

1. PRODUCT AND MANUFACTURER IDENTIFICATION

Product name: Turpentine

Manufacturer name: JAURENA S.A.
Carretera del Mig, 203
08907 - Hospitalet de Llobregat (BARCELONA)
Telf: (93) 263-23-28
Fax: (93) 263-14-08

2. COMPOSITION / DATA ON COMPONENTS.Chemical characterization: $C_{10}H_{16}$

CAS NO: 8006-64-2

3. HAZARDS IDENTIFICATION.

Flammable.

Harmful by inhalation, in contact with skin and if swallowed.

4. FIRST AID MEASURES.**General:** If hesitate, consult doctor.**Ingestion:** If swallowed and the person is conscious, immediately give large amounts of water. Get medical attention.

OCT-20-2006 10:04 PM LYRAUSA

617 731 1262

P.03

Description: Turpentine
Date: 17.3.97

Page 2 / 5

Eyes contact: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Immediately wash with plenty of water and soap for at least 15 minutes. Get your clothes out if in contact with them.

Inhalation: If a person breathes in large amounts, move the exposed person to fresh air. Get medical attention.

5. FIRE FIGHTING MEASURES.

Use foam or chemical dust. Avoid water.

6. ACCIDENTAL RELEASE MEASURES.

Precautions: Absorb with earth or sand and collect mechanically. Keep away from ignition sources. Use protective equipment and self contained. Breathing apparatus with full facepiece operated in positive pressure mode. Keep away from sewer system.

7. HANDLING AND STORAGE.

Handling: Use adequate general or local exhaust ventilation to keep fume levels as low as possible. Safety glasses with sidefields and gloves. Use protective equipment and change clothes immediately when wet (flammable). Wash with plenty of water and soap immediately when in contact with skin. Keep ignition sources away. Do not smoke.

Storage: Keep away from direct sun in a dry place. Keep ignition sources away.

Description: Turpentine
Date: 17.3.97

Page 3 / 5

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Breathing protection: Up to 1000 ppm: Suitable breathing protection for organic vapours. Up to 1960 ppm: Suitable self contained breathing apparatus with full facepiece operated in positive pressure mode.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Aspect: Liquid.
Colour: Colourless.
Smell: Typical.
Melting point: -50 to -60 °C.
Boiling point: 150 to 180 °C.
Density: 0,863
pH : 0,652 mg KOH/g
Solubility: Insoluble in water.

10. STABILITY AND REACTIVITY.

Flash point: 35 °C
Ignition temperature: n.a.
Explosion limits: in air, down to 0,8 %
Thermal decomposition: n.a.
Dangerous products of decomposition: n.a.
Dangerous reactions: Incompatible with strong oxidaters and chlorine.

11. TOXICOLOGICAL INFORMATION.

Hematuria, albuminuria.

OCT-20-2006 10:05 PM LYRAUSA

617 731 1262

P.05

Description: Turpentine
Date: 17.5.97

Page 4 / 5

12. ECOLOGICAL INFORMATION.

Keep away from sewer system.

13. DISPOSAL CONSIDERATIONS.

Dispose the packaging according to local regulations.

14. TRANSPORT INFORMATION.

N° IMDG / IMO: 3.3 / 3157

ADR - RID:

IATA:

15. REGULATORY INFORMATION.

CAS NO: 8006-64-2

EINECS NO:

ONU NO: 1299

Classification / mark: Flammable /

Classification / mark: harmful / Xn

R Phrases:

Description: Turpentine

OCT-20-2006 10:05 PM LYRAUSA

617 731 1262

P.06

Date: 17.3.97

Page 5 / 5

R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

S Phrases:

S1/2: Keep locked up and out of the reach of children.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

S51: Use only in well ventilated areas.

16. OTHER INFORMATION.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

NOV-07-2006 03:54 AM LYRAUSA

617 731 1262

P.01



Carretera del Mig, 203
 Tel (+34) 93 263 23 28.
 E-mail: mirjaurena@cambracn.es

TECHNICAL DATA

According to Royal Decree 1078/93 2nd July, and later update of 20th February 1995.

Comercial Name: **OIL COLORS MIR**

Date: 01.06.05

Página 1 de 3

I. SUBSTANCE IDENTIFICATION OR PREPARATION AND OF COMPANY

Comercial Name: Oil Colours MIR

Mir White	Nº 00	Mars Black	Nº 39A
Titanium White	Nº 01	Sap Green	Nº 25
Silver White Tone	Nº 02	French Vermillion	Nº 33B
Zinc White	Nº 03	Vermillion	Nº 33
Mixed White	Nº 04	Pure Vermillion	Nº 33A
Lemon Yellow Tone	Nº 05	Madder Carmin	Nº 34
Royal Yellow	Nº 09	Pure Madder Carmin.	Nº 34B
Cad. Yellow. Bte. Tone	Nº 11A	Madder Carmin Ex. Os	Nº 34A
Lemon Cadmium Yellow	Nº 5A	Light Crimson Lake	Nº 33C
Cad. Yell. Light Tone	Nº 06	Light Mir Red	Nº 30
Light Cad. Yellow	Nº 6A	Cadmium Red Tone	Nº 32
Cad. Yell. Deep tone	Nº 07	Light red cadmium	Nº 32A
Cadmium Yellow Deep	Nº 7A	Cadmium red deep	Nº 32B
Indian yellow	Nº 10	Geranium Lake	Nº 35
Cad. yell. Orange tone	Nº 08	Rose lake	Nº 36
Yell Cad. Orange	Nº 8A	scarlet Red	Nº 34 C
Persian Yellow	Nº 11	Purple	Nº 28A
Naples Yellow	Nº 40	Permanent Violet	Nº 28
Reddish Naples Yellow	Nº 40B	Cobalt Violet Tone	Nº 29
Yellow Naples Deep	Nº 40A	Red Mir Deep	Nº 31
Cerulean Blue	Nº 12	Ochre Yellow	Nº 41
Ultramarine Blue Light	Nº 13	Raw Umber	Nº 45
Ultramarine Blue Deep	Nº 14	Burnt Umber	Nº 46
Cobalt Blue Light Tone	Nº 15	Raw Sienna	Nº 47
Cobalt Blue Deep Tone	Nº 16	Burnt Sienna	Nº 48
Prussian Blue	Nº 18	Cobalt Blue Light	Nº 15A
Cad. Green light Tone	Nº 26	Cobalt Blue Deep.	Nº 16A
Emerald green	Nº 20	Blue Cobalt extra Tone	Nº 17
Cinnabar Green	Nº 21	Pure Ultramarine Blue	Nº 14A
Green Blue	Nº 18A	Rimman BluishGreen	Nº 27A
Verona Green	Nº 19	Ash green	Nº 27
Green Zinc Light	Nº 22	Cadmium Green Light	Nº 26B
Permanent Green	Nº 25A	Verde Zinc Oscuro	Nº 23
Verde Cadmio Osc. Tone	Nº 26A	Green MIR	Nº 24
Cadmium Green deep	Nº 26C	Gold Ochre	Nº 42
Meat Ochre	Nº 43	Red Ochre	Nº 44
Puzosli Red	Nº 49	Umber Cassel	Nº 37
Bitumé	Nº 50	Grey MIR	Nº 38

Use: Arts and Crafts Materials

Name of the Company: **JAURENA S.A.**

Carretera del Mig, 203

08907 - Hospitalet de Llobregat (BARCELONA) - SPAIN

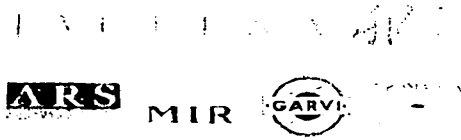
Tel: 00.34.93. 263-23-28

Fax: 00.34.93. 263-14-08

NOV-07-2006 03:55 AM LYRAUSA

617 731 1262

P.02



Carretera del Mig. 203
 Tel (+34) 93 263 23 28.
 E-mail: mirjaurena@cambrabcn.es

08907 L'Hospitalet del Llobregat (España)
 Fax (+34) 93 263 14 08
 Web: www.artmir.com

Comercial Name: **OIL COLORS MIR**

Date: 01.06.05

Página 2 de 3

2. COMPOSITION / COMPONENT INFORMATION.**Chemical Formula:**

Preparation based on vegetal oils, organic and inorganic pigments and high quality and purity minerals, all non dangerous according to the Royal Decree 1078/93 of the 2 July and subsequent update of 20th February 1995

N° CAS:

Pigments used in the making of oil colours MIR:

Pigment	Chemical Composition	Color Index
Oxide Zinc	Zinc Oxide and Zinc Sulphur	77947
Titanium	Titanium Dioxide	77891
Barita	Bario Sulphate	-
Ultramarine Blue	Aluminum Sulfosilicato and Sodium	77007
Ftalocianine Green	Poliflorade Copper Ftalocianina	74260
Ftalocianine Blue	Copper Ftalocianina	74160
Green Pigment B	Laca Metal Nitrose Nafol	10006
Metal Oxyde	Metal Oxyde Hydrated	77492
Granza Carmin	4-cloro-2-nitroanilina diazo	12380
Hansa G2 Yellow	-nitro-p-toluidina diazo	11680
Metal Black Oxyde	Metal Oxyde	77499
Cadmium Yellow	Cadmium Sulfoselenuro	77199
Cadmium Green	Cadmium Sulphure	77199
Purple	Quinaeridona	73900
Bitumé	Asfaltita Natural	-
Cobalt Blue	Cobalt Oxide and Aluminum	77346

3. DANGER IDENTIFICATION.

Danger for People: According to our current knowledge and observing the adequate handling and use measures, the products do not present specific dangers for people or environment.

Avoid ingestion and contact with the eyes. Work preferably in ventilated area

NOV-07-2006 03:55 AM LYRAUSA

617 731 1262

P. 03



Carretera del Mig. 203
Tel (+34) 93 263 23 28.
E-mail: miriaurena@cambrabcn.es

08907 L'Hospitalet del Llobregat (Espana)
Fax (+34) 93 263 14 08
Web: www.artmir.com

Comercial Name: **OIL COLORS MIR**
Date: 01.06.05

4.4. HANDLING AND STORAGE.

Handling: Keep in ventilated Areas, keep away from ignition sources
Storage: Keep in original packaging well closed, in ventilated areas and keep away from sources of ignition.

5. PHYSIC-CHEMIST PROPERTIES.

Physical State: Solid, fluid.
Smell: Characteristic
Fusion Point: Not applicable
Boiling Point: Not applicable.
pH (water solution 10%): 5 - 9
Density: From 1.2 a 2.6 g/ml(a.) depending on type of pigment
Solubility: Insoluble in water, Soluble in organic solvents.
Size of parttele: minor 10 micras

6. TOXICOLOGICAL INFORMATION

No data. Experience shows the product is not toxic or dangerous

NOV-07-2006 03:56 AM LYRAUSA

617 731 1262

P. 04



MIR



Carretera del Mig, 203
 Tel (+34) 93 263 23 28.
 E-mail: mirjaurena@cambrabcn.es

08907 L'Hospitalet del Llobregat (Espña)
 Fax (+34) 93 263 14 08
 Web: www.artmir.com

TECHNICAL DATA

According to Royal Decree 1078/93 2nd July, and later update of 20th february 1995.

Comercial name: OIL COLORS MIR
 Date: 21.03.01

Página 1 de 5

1. IDENTIFICACIÓN DE LA SUSTANCIA O PREPARADO Y DE LA EMPRESA.

Comercial Name : Oil Colors MIR,
 Silver White Tone (n° 2)
 Raw Umber (n° 35)
 Ivory Black (n° 39)

Use: Paint on canvas. Applied with a brush.

Name of the Company: JAURENA S.A.
 Carretera del Mig, 203
 08907 - Hospitalet de Llobregat (BARCELONA)
 Tell: (93) 263-23-28
 Fax: (93) 263-14-08

2. COMPOSITION / COMPONENT INFORMATION

Chemical Formula:

N° CAS:

Preparation based on vegetal oils, organic and inorganic pigments, all non dangerous according to the Royal Decree 1078/93 2nd July and subsequent update of 20th February 1995.

Pigments used in each colour:

color	pigment composition	color index number
Silver White Tone	Zinc Oxide and Zinc Sulphure	77047
Raw Umber	Red Metal Oxide, Iron Laquer Black Metal Oxide	
Ivory Black	Amorphous Carbon Black	

NOV-07-2006 03:56 AM LYRAUSA

617 731 1262

P. 05



Carretera del Mig, 203
 Tel (+34) 93 263 23 28.
 E-mail: mirjaurena@cambrabcn.es

08907 L'Hospitalet del Llobregat (España)
 Fax (+34) 93 263 14 08
 Web: www.artmir.com

Comercial Name: Oil Colors MIR
 Date: 21.03.01

Page 2 of 5

3. DANGER IDENTIFICATION.

Danger for people: The products do not present danger by inhalation and contact with the skin. Avoid ingestion and contact with the eyes.

4. FIRST AID.

General: In case of doubt, check with a doctor.

Ingestion: Please see a doctor. Do not induce vomit or any ingestion through the mouth.

Contact with the eyes: Rinse with abundant water during 15 minutes. See a doctor.

Contact with the skin: Clean with soap and water.

5. AGAINST FIRE MEASURES.

Not flammable.

- In the case of FIRE, foam and powder may be used as extinguishers. Do not use water.
- Avoid contact with hard bases, strong acids and highly oxidant agents.

6. MEASURES IN THE CASE OF ACCIDENTAL SPILLING

Individual precautions: Avoid ingestion and contact with the eyes.

Precautions for the environment: Avoid sewer disposal. If that should happen, the product may be eliminated by conventional purification methods, as insoluble to water.

Clearing Methods: Adequate organic dissolvent; soap and water also appropriate.

NOV-07-2006 03:57 AM LYRAUSA

617 731 1262

P.06



Carretera del Mig, 203
 Tel: (+34) 93 263 23 28.
 E-mail: mirjaurena@cambrabcn.es

08907 L'Hospitalet del Llobregat (Espña)
 Fax (+34) 93 263 14 08
 Web: www.artmir.com

Comercial Name: Oils Colors MIR
 Date: 21.03.01

Page 3 of 5

7. HANDLING AND STORAGE.

Handling: Avoid risks mentioned in point 5. Comply with legislation on security and hygiene at work. Keep products in original recipients.

Storage: Store away from heat and ignition, as well as bases, acids and strong oxidants.

8. EXPOSURE CONTROL / INDIVIDUAL PROTECTION.

Limit values of exposure: There is no data.

Respiratory protection: not applicable

Cutaneous Protection: Plastic Gloves.

Eye protection: Protective glasses

9. PHYSIC-CHEMIST PROPERTIES.

Physical State: Solid fluid.

Smell: Characteristic.

Fusion Point: No Data.

Boiling Point: not applicable.

pH: 5-9

Density: aprox. 1,2 - 2,0g/ml (t.a.), depending on type of pigment.

Solubility: Insoluble in water. Soluble in most organic solvents.

Size of particle: ~ 15 micras.

10. STABILITY AND REACTIVITY.

Inflammation Point: not applicable.

T Ignition: not applicable.

Exposure limits: not applicable.

Thermic Autodescomposition: not applicable.

Dangerous Reactions: It's totally stable. However, avoid conditions exposed on number 5.

NOV-07-2006 03:57 AM LYRAUSA

617 731 1262

P.07



Carretera del Mig, 203
Tel (+34) 93 263 23 28.
E-mail: mirjaurena@cambrabcn.es
Comercial Name: Oil Colors MIR
Date:21.03.01

08907 L'Hospitalet del Llobregat (España)
Fax (+34) 93 263 14 08
Web:www.artmir.com

Page 4 of 5

11. TOXICOLOGICAL INFORMATION.

There is no data. Experience shows the product is not toxic or dangerous.

12. ECOLOGICAL INFORMATION.

Avoid disposing in sewers.

13. INFORMATION REGARDING RESIDUAL DISPOSAL AND EMPTY CONTAINERS

Puede depositarse en la basura doméstica observando las disposiciones técnicas necesarias, tras consulta con el encargado de la eliminación y las autoridades competentes

14. INFORMATION REGARDING TRANSPORT.

Nº IMDG / IMO:

ADR - RID:

IATA:

In the database we have, the preparation does not require special conditions for its transport.

NOV-07-2006 03:57 AM LYRAUSA

617 731 1262

P. 08



Carretera del Mig, 203
Tel (+34) 93 263 23 28.
E-mail: mirjaurena@cambrabcn.es

08907 L'Hospitalet del Llobregat (Espana)
Fax (+34) 93 263 14 08
Web: www.artmir.com

Comercial Name: Oils colors MIR
Date: 21.03.01

Página 5 de 5

15. REGULATORY INFORMATION

N° CAS:

N° EINECS:

N° ONU:

Classification / symbol:

Frases R:

Frases S:

In the database we have, the preparation is not of dangerous material according to the current laws and dispositions on dangerous materials.

16. OTHER INFORMATION

The information given in this document is based on our current knowledge and experience, not being a guarantee or specifications of the substances and preparations. The compliance of the indications in the text does not exempt the user of the compliance of whatever legal norms applicable.

The use and application of our products is out of our control, and therefore under the responsibility of the buyer.