

MATERIAL SAFETY DATA SHEET	Page : ¼
	Revision n° :
	Date : 04/11/2005
	Supersedes :
Couleurs extra fines à l'huile : Zinc Oxide	BL02

1. Identification of the product

Identification of the product : Oils colors Identical material safety data sheets for all the shades that contain Zinc Oxide : Zinc White 084, Titazinc White 087, Brilliant yellow light 213, Brilliant yellow deep 215, Brownish Grey 273, Naples Yellow 411, Naples Yellow Reddish 412, Thaline Blue 451, Thaline Green 462, Composed Green Light 463, Veronese green 464.

Producer : J. BLOCKX Fils S.A.
 Le Tombeu 10
 B – 4550 NANDRIN
 Phone : +32.85.41.11.62
 Fax : +32.85.41.25.35

Type of product : Artists' colour.

Use : Do it yourself.

Emergency phone nr : : UK : 0044 870 600 6266
 Belgium : 0032 70 245 245
 France : 0033 1 45 42 59 59

2. Informations on ingrédients

This product is considered to be hazardous and contains hazardous components (Directive 1999/45/EC).

Composition	Value	n° CAS/n° EINECS/Index CE	Symbole(s)	Phrase(s)R
Zinc oxide	40 to 60 %	1314-13-2 / 215-222-5 / 030-013-00-7	N	50/53

3. Hazards identification

Risk Phrases : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Primary route of exposure : Skin contact.

Symptoms relating to use

- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact : Contact with the eyes is likely to be irritating.
- Ingestion : Abdominal pain, nausea.

Dangerous effects for the environment : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First-aid measures

First aid

- Inhalation : Assure fresh air breathing.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention if irritation develops.
- Ingestion : DO NOT INDUCE VOMITING. Seek medical advice (show the label where possible).

MATERIAL SAFETY DATA SHEET	Page : 2/4
	Révision n° :
	Date : 04/11/2005
	Supersedes :
Couleurs extra fines à l'huile : Zinc Oxide	BL02

5. Fire-fighting measures

Prevention : No naked lights. No smoking.

Extinguishing media : Dry chemical. Foam. Carbon dioxide. Water.

Special exposure hazards : May form flammable vapour-air mixture. Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

Protection against fire : Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures : Avoid (reject) fire-fighting water to enter environment

6. Accidental release measures

Personal precautions : Equip cleanup crew with proper protection.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. Handling and storage

General : No naked lights. No smoking.

Precautions in handling and storage : Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures.

Storage : Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep in fireproof place.

Handling : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls/personal protection

Personal protection

- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

- Hand protection : Not required.

- Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use.

- Eye protection : Not required.

- Ingestion : When using, do not eat, drink or smoke.

TLV-TWA [mg/m3] : Dust and/or fine particles, minimize inhalation exposure. : 10 mg/m3

MATERIAL SAFETY DATA SHEET	Page : ¾
	Revision n° :
	Date : 04/11/2005
	Supersedes :
Couleurs extra fines à l'huile : Zinc oxide	BL02

9. Physical and chemical properties

Physical state : Liquid.
Colour : Clear.
Odour : Solvent.
Viscosity : > 30 sec (Cup ISO 3 mm)
Flash point [°C] : 45 °C

10. Stability and reactivity

Hazardous decomposition products : Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. Toxicological information

Rat oral LD50 [mg/kg] : No data available.
Rabbit dermal LD50 [mg/kg] : No data available.
Rat inhalation LC50 [mg/l/4h] : No data available.

12. Ecological information

Ecological effects information : This product contains hazardous components for the aquatic environment.
LC50-96 Hour - fish [mg/l] : No data available.
48 Hour-EC50 - Daphnia magna [mg/l] : No data available.
EC50 72h Algae [mg/l] : No data available.

13. Disposal considerations

Disposal : Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point (container park). EURAL : 08 01 11. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

ADR/RID : LQ (UN 3082)

MATERIAL SAFETY DATA SHEET	Page : 4/4
	Revision n° :
	Date : 04 /11/2005
	Supersedes :
Couleurs extra fines à l'huile : Zinc oxide	BL02

15. Regulatory information

Symbol(s) : Dangerous for the environment.

R Phrase(s) : R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s) : S56 - Dispose of this material and its container to hazardous or special waste collection point.

S59 - Refer to manufacturer/supplier for information on recovery/recycling.

S29/35 - Do not empty into drains ; dispose of this material and its container in a safe way.

16. Other information

Further information : None.

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document