

MATERIAL SAFETY DATA SHEET

Revision n° : 3

Date : 09/09/2014

Supersedes :
10/05/2011**Watercolours : Oxide de Zinc****BL04****1. Identification of the product**Identification of the product : Watercolours that contain Zinc Oxide ; China White (ref 4.X.184) and Naples Yellow (ref 4.X.112)

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 ingredients

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 identificationDangerous effects for the environment : 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.

4. First-aid measuresFirst aid measures

- 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).

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Poison Inform. Center -Tel. : 070/245.245

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5. Fire-fighting measures

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

Specific 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.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. Handling and storage

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

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9. Physical and chemical properties

Physical state at 20 °C : Liquid.

Colour : Clear.

Odour : None.

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.

IC50 72h Algae [mg/l] : No data available.

13. Disposal considerations

General

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. Assure that effluents are consistent with all applicable water pollution control regulations.

14. Transport information

ADR/RID : LQ (UN 3082)

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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.

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