

FONTECRYL 10

Date 12.2.2008

Previous date: 28.4.2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Identification of the article**
- 1.1.1 Commercial Product Name**
FONTECRYL 10
- 1.1.2 Product code**
213 -series
- 1.2 Use of the Substance/Preparation**
- 1.2.1 Intended use**
Painting work.
Description: A waterborne fast drying acrylic paint which contains active anticorrosive pigments
- 1.3 Identification of the company**
- 1.3.1 Supplier**
Tikkurila Oy
- 1.3.2 Contact information:**
- P.O.Box** P.O.Box 53
Postcode and post office FIN-01301 VANTAA
FINLAND
Telephone +358 9 857 71
Telefax +358 9 8577 6936
- 1.3.4 Responsible for the Safety Data Sheet:**
Tikkurila Oy, Product Safety, e-mail: productsafety@tikkurila.com
- 1.4 Emergency telephone number**
- 1.4.1 Telephone number, name and address**
Tikkurila Oy, Environment and Safety: +358 9 857 71

2. HAZARDS IDENTIFICATION

Harmful, Xn
Dangerous for the environment, N
Harmful by inhalation and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Information on hazard labelling in section 15.1.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Hazardous components		3.1.2 Chemical name of the substance	3.1.3 Concentration	3.1.4 Classification
	3.1.1 CAS number	EINECS			
	111-76-2	203-905-0	Butyl glycol	5 - 10 %	Xn; R20/21/22-36/38
	13701-59-2	237-222-4	Bariumpigment	1 - 5 %	Xn; R20/22
	7779-90-0	231-994-3	Zinc phosphate	1 - 5 %	N; R50/53
	1336-21-6	215-647-6	Ammonia	< 1 %	C; R34;N; R50

4. FIRST AID MEASURES

- 4.1 Additional advice**

- 4.2 Inhalation**

- 4.3 Skin contact**
Wash skin thoroughly with soap and water or use recognized skin cleanser.

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4.4 Eye contact
Irrigate copiously with clean, fresh water for at least 10 minutes.

4.5 Ingestion
If accidentally swallowed, drink water or milk. Obtain medical attention, when necessary.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

5.2 Extinguishing media which must not be used for safety reasons

5.3 Specific hazards

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

6.2 Environmental precautions

Do not allow to enter drains or water courses.

6.3 Methods for cleaning up

Contain and collect spillage with absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean with a detergent and water.

7. HANDLING AND STORAGE

7.1 Handling

Avoid skin and eye contact.

7.2 Storage

Keep containers tightly closed. Store in a dry place. Do not allow to freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Limit Values

8.1.1 Occupational exposure limit values

Butyl glycol	20 ppm (8 h)
Bariumpigment	0,5 mg/m ³ (8 h)
Ammonia	25 ppm (8 h)

8.1.2 Information on limit values

TLV-TWA = Threshold Limit Values - Time-weighted average / ACGIH 2007

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation. Comply with the health and safety at work laws.

8.2.1.1 Respiratory protection

If ventilation during spray-application is not sufficient, use respiratory protection with gas, vapour and dust filter AP.

8.2.1.2 Hand protection

Always wear protective gloves (e.g. nitrile rubber). Barrier creams may also help to protect the exposed areas of the skin.

8.2.1.3 Eye protection

During spray-application use safety eyewear designed to protect against splashes of liquids.

8.2.1.4 Skin and body protection

Use suitable protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	General Information (appearance, odour) Coloured, viscous liquid	
9.2	Important Health Safety and Environmental Information	
9.2.2	Boiling point/range	-
9.2.3	Flash point	-
9.2.5	Explosive properties	
9.2.5.1	Lower explosion limit	-
9.2.5.2	Upper explosion limit	-
9.2.7	Vapour pressure	-
9.2.8	Relative density	1,18 - 1,26
9.2.9	Solubility	
9.2.9.1	Water solubility	Soluble

10. STABILITY AND REACTIVITY

10.1	Conditions to avoid ---
10.2	Materials to avoid ---
10.3	Hazardous decomposition products Hazardous decomposition products may produce, when exposed to high temperatures.

11. TOXICOLOGICAL INFORMATION

11.1	Acute toxicity Harmful by inhalation and if swallowed.
11.2	Primary irritation ---
11.3	Sensitisation ---
11.5	Human experience 11.5.1 Inhalation: --- 11.5.2 Skin contact: Repeated or prolonged contact with the preparation may cause removal of the natural fat from the skin resulting in contact dermatitis. Splashes in the eyes may cause slight irritation. 11.5.3 Other effects: ---

12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity
12.1.1	Aquatic toxicity Zinc phosphate: LC50(fish) = 0,14-2,6 mg Zn ²⁺ /l; EC50(48h, daphnia magna) = 0,04-0,86 mg Zn ²⁺ /l, EC50 (72h, algae) = 0,136-0,150 mg Zn ²⁺ /l
12.6	Other adverse effects There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS

FONTECRYL 10

Date 12.2.2008

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13.1 Product residues: Gather residues into waste containers. Destroy according to the rules given by local authorities. EWC-code for liquid waste is e.g 08 01 11 or 08 01 12 (waste paint and varnish).

13.2 Packaging: Empty cans should be recycled or disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1	UN No	3082
14.2	Packing group	III
14.3	Land transport	
14.3.1	ADR/RID Class	9
14.3.3	Description of the goods	environmentally hazardous substance, liquid, N.O.S. (zinc phosphate)
14.4	Sea transport	
14.4.1	IMDG Class	9
14.4.2	Proper shipping name	environmentally hazardous substance, liquid, N.O.S. (zinc phosphate)
14.4.3	Further Information	EmS: F-A,S-F

15. REGULATORY INFORMATION

15.1	Information on the warning label	
15.1.1	Letter code of the warning symbol and indications of danger for the preparation	
	Xn	Harmful
	N	Dangerous for the environment
15.1.2	Names of the ingredients given on the warning label	
	Bariumpigment	
	Zinc phosphate	
15.1.3	R-phrases(s)	
	R20/22	Harmful by inhalation and if swallowed.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
15.1.4	S-phrases(s)	
	S23	Do not breathe vapour/spray.
	S29	Do not empty into drains.
	S51	Use only in well-ventilated areas.

16. OTHER INFORMATION

16.1	Full text of R-phrases referred to under sections 2 and 3	
	R34	Causes burns.
	R20/22	Harmful by inhalation and if swallowed.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R22	Harmful if swallowed.
	R36/38	Irritating to eyes and skin.
	R38	Irritating to skin.
	R41	Risk of serious damage to eyes.
	R43	May cause sensitization by skin contact.
	R50	Very toxic to aquatic organisms.
	R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
16.4	Additional information	

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The information of this MSDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.

Additional information available from: Tikkurila Oy, Product Safety, P.O. Box 53, FIN-01301 VANTAA, FINLAND, Telephone +358 9 857 71, Fax +358 9 8577 6936, E-mail: productsafety@tikkurila.com

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