

**FONTEDUR FL MATT**

Date 25.6.2008

Previous date: 13.12.2006

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Identification of the article****1.1.1 Commercial Product Name**

FONTEDUR FL MATT

**1.1.2 Product code**

008 4910

**1.2 Use of the Substance/Preparation****1.2.1 Intended use**

Painting work.

Description: Waterborne polyurethane finish

**1.3 Identification of the company****1.3.1 Supplier**

Tikkurila Oyj

**1.3.2 Contact information:****P.O.Box**

P.O.Box 53

**Postcode and post office**

FI-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**

The product is not classified as dangerous.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Hazardous components****3.1.1****CAS number****EINECS**

64742-95-6

265-199-0

**3.1.2****Chemical name of the substance**

Solvent naphtha, light aromatic &lt; 1 %

**3.1.3****Concentration****3.1.4****Classification**

Xn, N; R10-37-65-66-67-51/53

**4. FIRST AID MEASURES****4.1 Additional advice**

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**4.2 Inhalation**

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**4.3 Skin contact**

Wash skin thoroughly with soap and water or use recognized skin cleanser.

**4.4 Eye contact**

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

**4.5 Ingestion**

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

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**5. FIRE-FIGHTING MEASURES****5.1 Suitable extinguishing media**

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**5.2 Extinguishing media which must not be used for safety reasons**

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**5.3 Specific hazards**

Fire will produce dense black smoke, which contains decomposition products. Avoid breathing the smoke.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions**

Avoid skin contact with the product.

**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**

Good ventilation must be provided. Keep away from sources of ignition. Take precautionary measures against static discharges.

**7.2 Storage**

Keep containers tightly closed. Store in a cool, dry, well ventilated place away from sources of heat and direct sunlight.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.2 Exposure controls****8.2.1 Occupational exposure controls**

During spray-application provide adequate ventilation. Comply with the health and safety at work laws.

**8.2.1.1 Respiratory protection**

If ventilation is insufficient, use appropriate certified respirators with gas, vapour and dust filter AP. During spray-application or during continuous and long-term work, an air-fed protective respiratory equipment must be worn even when good ventilation is provided.

**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**

Safety eyewear must be used, specially during spray-application.

**8.2.1.4 Skin and body protection**

Use suitable protective clothing.

**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**

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**9.2.3 Flash point**

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<b>9.2.5</b>	<b>Explosive properties</b>	
<b>9.2.5.1</b>	<b>Lower explosion limit</b>	-
<b>9.2.5.2</b>	<b>Upper explosion limit</b>	-
<b>9.2.7</b>	<b>Vapour pressure</b>	-
<b>9.2.8</b>	<b>Relative density</b>	1,1
<b>9.2.9</b>	<b>Solubility</b>	
<b>9.2.9.1</b>	<b>Water solubility</b>	Soluble

**10. STABILITY AND REACTIVITY**

- 10.1 Conditions to avoid**  
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- 10.2 Materials to avoid**  
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 10.3 Hazardous decomposition products**  
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

**11. TOXICOLOGICAL INFORMATION**

- 11.1 Acute toxicity**  
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- 11.2 Primary irritation**  
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- 11.3 Sensitisation**  
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- 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**

- 12.6 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**

- 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). The hardener reacts with water resulting in evolution of carbon dioxide (CO<sub>2</sub>). The ready for use mixture of paint and hardener will form carbon dioxide which in closed containers can result in pressurisation.
- 13.2 Packaging: Empty cans should be recycled or disposed of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

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|---------------|-----------------------|----------------|
| <b>14.1</b>   | <b>UN No</b>          | -              |
| <b>14.2</b>   | <b>Packing group</b>  | -              |
| <b>14.3</b>   | <b>Land transport</b> |                |
| <b>14.3.1</b> | <b>ADR/RID Class</b>  | not classified |

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<b>14.4</b>	<b>Sea transport</b>	
<b>14.4.1</b>	<b>IMDG Class</b>	not classified
<b>14.5</b>	<b>Air transport</b>	
<b>14.5.1</b>	<b>ICAO/IATA Class</b>	not classified

**15. REGULATORY INFORMATION**

<b>15.1</b>	<b>Information on the warning label</b>	
<b>15.1.1</b>	<b>Letter code of the warning symbol and indications of danger for the preparation</b>	
<b>15.1.2</b>	<b>Names of the ingredients given on the warning label</b>	-
<b>15.1.3</b>	<b>R-phrase(s)</b>	-
<b>15.1.4</b>	<b>S-phrase(s)</b>	-
<b>15.1.5</b>	<b>Special regulations on certain preparations</b>	Safety data sheet available for professional user on request.

**16. OTHER INFORMATION**

<b>16.1</b>	<b>Full text of R-phrases referred to under sections 2 and 3</b>	
	R10	Flammable.
	R37	Irritating to respiratory system.
	R65	Harmful: may cause lung damage if swallowed.
	R66	Repeated exposure may cause skin dryness or cracking.
	R67	Vapours may cause drowsiness and dizziness.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>16.4</b>	<b>Additional information</b>	
		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
	<b>Signature</b>	gf/akk