

**TEMAFLOOR PU**

Date 30.5.2008

Previous date: 4.1.2006

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

- 1.1 Identification of the article**
- 1.1.1 Commercial Product Name**  
TEMAFLOOR PU
- 1.1.2 Product code**  
534 -series
- 1.2 Use of the Substance/Preparation**
- 1.2.1 Intended use**  
Painting work  
Description: Solvent free polyurethane coating, base part.
- 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		3.1.2	3.1.3	3.1.4
3.1.1	CAS number	EINECS	Chemical name of the substance	Concentration	Classification
64742-95-6	265-199-0		Solvent naphtha, light aromatic	< 0,5 %	Xn, N; R10-37-65-66-67-51/53

**4. FIRST AID MEASURES**

- 4.1 Additional advice**  
In all cases of doubt, or when symptoms persist, seek medical attention.
- 4.2 Inhalation**  
Remove to fresh air, keep patient warm and at rest.
- 4.3 Skin contact**  
Remove contaminated clothing. 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 obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

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**5. FIRE-FIGHTING MEASURES**

- 5.1 Suitable extinguishing media**  
Use foam, CO<sub>2</sub>, powder or water spray.
- 5.2 Extinguishing media which must not be used for safety reasons**  
Waterjet
- 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 non-combustible absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean preferably with a detergent; avoid the use of solvents.

**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**  
Provide adequate ventilation. Comply with the health and safety at work laws.
- 8.2.1.1 Respiratory protection**  
Use appropriate certified respirators, with gas and vapour filter A, during sanding with dust filter P2, if ventilation is insufficient. During continuous and long-term work the use of air-fed or motor-driven respirators is recommended.
- 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 the mixing of the components.
- 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, strong odour.
- 9.2 Important Health Safety and Environmental Information**
- 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>	1,40
<b>9.2.9</b>	<b>Solubility</b>	
<b>9.2.9.1</b>	<b>Water solubility</b>	Insoluble

**10. STABILITY AND REACTIVITY**

- 10.1 Conditions to avoid**  
If solvents are used to lower the viscosity, it should be noticed, that solvent vapours may form explosive mixtures with air.
- 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**  
See section 11.5.
- 11.2 Primary irritation**  
See section 11.5.
- 11.3 Sensitisation**  
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- 11.5 Human experience**  
11.5.1 Inhalation: Long term exposure may cause irritation of respiratory system and mucous membranes of nose and throat.  
11.5.2 Skin contact: Splashes may cause skin and eye irritation.  
11.5.3 Other effects: Harmful if taken internally.

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

**14. TRANSPORT INFORMATION**

- |               |                       |                |
|---------------|-----------------------|----------------|
| <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>	-

**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.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed.
	R66	Repeated exposure may cause skin dryness or cracking.
	R67	Vapours may cause drowsiness and dizziness.
<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>	f0/ome