

**ALKYD PUTTY (Spakkeli alkyd stopper)**

Date 3.12.2007

Previous date: 18.8.2004

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

- 1.1 Identification of the article**
- 1.1.1 Commercial Product Name**  
ALKYD PUTTY (Spakkeli alkyd stopper)
- 1.1.2 Product code**  
007 2260
- 1.2 Use of the Substance/Preparation**
- 1.2.1 Intended use**  
Painting work.  
Description:Alkyd putty
- 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**

Flammable.  
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			
	64742-48-9	265-150-3	Naphtha, hydrotreated heavy	5 - 10 %	Xn; R10-65-66
	64742-81-0	265-184-9	Kerosine, hydrodesulfurized	5 - 10 %	Xn; R65-66
	96-29-7	202-496-6	Methylethylketoxime	< 0,5 %	Xn; R21-40-41-43

**4. FIRST AID MEASURES**

- 4.1 Additional advice**  
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- 4.2 Inhalation**  
Remove to fresh air, keep patient warm and at rest.
- 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, 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.

**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 breathing vapours. Exclude sources of ignition.
- 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**  
Vapours are heavier than air and may form explosive mixtures with air. 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**

- 8.1 Exposure Limit Values**
- 8.1.1 Occupational exposure limit values**  
Kerosine, hydrodesulfurized 200 mg/m<sup>3</sup> (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**  
Use appropriate certified respirators, with gas and vapour filter A, during sanding with dust filter P2, if ventilation is insufficient.
- 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 and sanding use safety eyewear.

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- 8.2.1.4 Skin and body protection**  
During spray-application and sanding use safety eyewear.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 General Information (appearance, odour)**  
White solid mass
- 9.2 Important Health Safety and Environmental Information**
- 9.2.2 Boiling point/range** 145 - 200 °C \*)
- 9.2.3 Flash point** 36 °C \*)
- 9.2.5 Explosive properties**
- 9.2.5.1 Lower explosion limit** 0,6 vol-% \*)
- 9.2.5.2 Upper explosion limit** 7,0 vol-% \*)
- 9.2.7 Vapour pressure** 0,2 kPa (20°C) \*)
- 9.2.8 Relative density** 1,81
- 9.2.9 Solubility**
- 9.2.9.1 Water solubility** Insoluble
- 9.2.11 Viscosity** flow time more than 30 sec / ISO 3 mm cup
- 9.3 Other data**  
Evaporation rate (BuAc=1) : 0,14  
\*) Naphtha, hydrotreated heavy

**10. STABILITY AND REACTIVITY**

- 10.1 Conditions to avoid**  
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**  
Contains ethyl methyl ketoxime. May produce an allergic reaction.
- 11.5 Human experience**
- 11.5.1 Inhalation: Solvent vapours and spray mist harmful if inhaled. Long term exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache and dizziness.
- 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 irritation.
- 11.5.3 Other effects: Harmful if taken internally.

**12. ECOLOGICAL INFORMATION**

- 12.6 Other adverse effects**

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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 (waste paint and varnish containing organic solvents or other dangerous substances).

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>	1263
<b>14.2</b>	<b>Packing group</b>	III
<b>14.3</b>	<b>Land transport</b>	
<b>14.3.1</b>	<b>ADR/RID Class</b>	3
<b>14.3.3</b>	<b>Description of the goods</b>	paint
<b>14.3.4</b>	<b>Further Information</b>	Drums/vessels < 450 litres: not subject to ADR because of high viscosity
<b>14.4</b>	<b>Sea transport</b>	
<b>14.4.1</b>	<b>IMDG Class</b>	3
<b>14.4.2</b>	<b>Proper shipping name</b>	paint
<b>14.4.3</b>	<b>Further Information</b>	EmS: F-E,S-E Drums/vessels < 30 litres: Transport in accordance with paragraph 2.3.2.5 of the IMDG Code.

**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>	
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<b>15.1.2</b>	<b>Names of the ingredients given on the warning label</b>	
	Naphtha, hydrotreated heavy	
<b>15.1.3</b>	<b>R-phrase(s)</b>	
	R10	Flammable.
<b>15.1.4</b>	<b>S-phrase(s)</b>	
	S2	Keep out of the reach of children.
	S23	Do not breathe vapour/spray.
	S46	If swallowed, seek medical advice immediately and show this container or label.
	S51	Use only in well-ventilated areas.
<b>15.1.5</b>	<b>Special regulations on certain preparations</b>	
	Contains ethyl methyl ketoxime. May produce an allergic reaction.	

**16. OTHER INFORMATION**

<b>16.1</b>	<b>Full text of R-phrases referred to under sections 2 and 3</b>	
	R10	Flammable.
	R21	Harmful in contact with skin.
	R40	Limited evidence of a carcinogenic effect.
	R41	Risk of serious damage to eyes.
	R43	May cause sensitization by skin contact.
	R65	Harmful: may cause lung damage if swallowed.
	R66	Repeated exposure may cause skin dryness or cracking.

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**16.4 Additional information**

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](mailto:productsafety@tikkurila.com)

**Signature**

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