

**VALTTI AKVACOLOR**

Date 29.12.2010

Previous date: 3.12.2007

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

- 1.1 Identification of the article**  
**1.1.1 Commercial Product Name**  
VALTTI AKVACOLOR
- 1.1.2 Product code**  
450 -series
- 1.2 Use of the Substance/Preparation**  
**1.2.1 Intended use**  
Painting work.  
Description: Waterborne translucent wood finish for exterior use.
- 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 Oyj, Product Safety, e-mail: productsafety@tikkurila.com
- 1.4 Emergency telephone number**  
**1.4.1 Telephone number, name and address**  
Tikkurila Oyj, Environment and Safety: +358 9 857 71

**2. HAZARDS IDENTIFICATION**

The product is not classified as dangerous.  
Information on hazard labelling in section 15.1.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

3.1	Hazardous components		3.1.2	3.1.3	3.1.4
	3.1.1				
	CAS number	EINECS			
	55406-53-6	259-627-5	3-Iodo-2-propynyl butylcarbamate	< 1 %	Xn, N; R20/22-41-50
	136-52-7	205-250-6	Cobalt octoate	< 0,2 %	Xn, N; R22-38-43-51/53

**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.

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**4.5 Ingestion**

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

**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**

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

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**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.

Note! Products containing oxidative drying oil or alkyd (linseed oil varnish, alkyd paints and -lacquers) have a possibility of self-ignition in porous materials damped by the product. This kind of waste must be collected and stored e.g. in water before disposal or incinerated immediately.

**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****8.2 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 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 General Information (appearance, odour)**

Coloured, viscous liquid

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<b>9.2</b>	<b>Important Health Safety and Environmental Information</b>	
<b>9.2.2</b>	<b>Boiling point/range</b>	-
<b>9.2.3</b>	<b>Flash point</b>	-
<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>	1,0
<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**  
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- 10.3** **Hazardous decomposition products**  
Hazardous decomposition products may produce, when exposed to high temperatures.

**11. TOXICOLOGICAL INFORMATION**

- 11.1** **Acute toxicity**  
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- 11.2** **Primary irritation**  
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- 11.3** **Sensitisation**  
Contains cobalt octoate. May produce an allergic reaction.
- 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).  
Risk of self-ignition! Cleaning cloths, sanding dust and overspray containing the product can create fire by self-ignition. Waste like this should be collected and stored in water before disposal, or dried preferably outdoors or incinerated immediately.

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

**14. TRANSPORT INFORMATION**

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14.1	UN No	-
14.2	Packing group	-
14.3	Land transport	
14.3.1	ADR/RID Class	not classified
14.4	Sea transport	
14.4.1	IMDG Class	not classified
14.4.2	Proper shipping name Marine pollutant	no
14.5	Air transport	
14.5.1	ICAO/IATA Class	not classified

**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	
15.1.3	R-phrases(s)	-
15.1.4	S-phrases(s)	-
15.1.5	Special regulations on certain preparations	Contains cobalt octoate. May produce an allergic reaction.

**16. OTHER INFORMATION**

16.1	<b>Full text of R-phrases referred to under sections 2 and 3</b>	
	R38	Irritating to skin.
	R43	May cause sensitization by skin contact.
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R20/22	Harmful by inhalation and if swallowed.
	R22	Harmful if swallowed.
	R41	Risk of serious damage to eyes.
	R50	Very toxic to aquatic organisms.
16.4	<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 Oyj, 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>	g/akk