

FINNGARD OPAQUE

Date 29.12.2010

Previous date: 31.8.2007

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

FINNGARD OPAQUE

1.1.2 Product code

300 -series

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

Painting work.

Description: Semi-matt low-odour special alkyd-reinforced acrylate paint for use on exterior wood surfaces.

1.3 Company/undertaking identification**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**1.4.1 Telephone number, name and address**

Tikkurila Oyj, Environment and Safety: +358 9 857 71

2. HAZARDS IDENTIFICATION

Irritant; Xi.

May cause sensitization by skin contact. Harmful 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****3.1.1****CAS number****EINECS****3.1.2****Chemical name of the substance****3.1.3****Concentration****3.1.4****Classification**

26530-20-1

247-761-7

2-N-octyl-4-isothiazol-3-one

< 0,2 %

T, N; R22-23/24-34-43-50/53

55406-53-6

259-627-5

3-Iodo-2-propynyl butyl carbamate

< 0,2 %

Xn, N; R20/22-41-50

1314-13-2

215-222-5

Zinc oxide

1 - 2,5 %

N; R50/53

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

4.2 Inhalation

4.3 Skin contact

Remove contaminated clothing. 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 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

Zinc oxide 2 mg/m³ (8 h)

8.1.2 Information on limit values

TLV-TWA = Threshold Limit Values - Time-weighted average according to ACGIH 2009 (American Conference of Governmental Industrial Hygienists)

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 approved protective gloves (e.g. nitrile rubber) against chemicals. 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.

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- 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** -
- 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** 1,1 - 1,3
- 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**

- 11.2 Primary irritation**

- 11.3 Sensitisation**
May cause sensitization by skin contact.
- 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 oxide: EC50 = 0,17 mg/l, selenastrum capricornutum, 72 h; very toxic.
- 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

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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 (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

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	
	Xi	Irritant
15.1.2	Names of the ingredients given on the warning label	
	2-N-octyl-4-isothiazol-3-one	
	Zinc oxide	
15.1.3	R-phrases	
	R43	May cause sensitization by skin contact.
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
15.1.4	S-phrases	
	S2	Keep out of the reach of children.
	S23v	Do not breathe spray.
	S24	Avoid contact with skin.
	S29	Do not empty into drains.
	S37	Wear suitable gloves.
	S46	If swallowed, seek medical advice immediately and show this container or label.
	S51	Use only in well-ventilated areas.

16. OTHER INFORMATION

16.1	Full text of R-phrases referred to under sections 2 and 3	
	R20/22	Harmful by inhalation and if swallowed.
	R22	Harmful if swallowed.
	R23/24	Toxic by inhalation and in contact with skin.
	R34	Causes burns.
	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.
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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 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

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