

PANEELI-ÄSSÄ HIRSISUOJA (Panel-Ace Log Treatment)

Date 14.6.2010

Previous date: 12.8.2005

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

PANEELI-ÄSSÄ HIRSISUOJA (Panel-Ace Log Treatment)

1.1.2 Product code

847 -series

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

Painting work.

Description: Water-borne semi-matt acrylate protective agent.

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.

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

55406-53-6

259-627-5

3.1.2**Chemical name of the substance**

3-iodo-2-propynyl butyl carbamate

3.1.3**Concentration**

< 0,2 %

3.1.4**Classification**

Xn, N; R20/22-41-50

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

4.2 Inhalation

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.

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**

- 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 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
- 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** -

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9.2.7	Vapour pressure	-
9.2.8	Relative density	1,0
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**

- 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**
3-Iodo-2-propynyl butyl carbamate: LC50(96h, rainbow trout) = 0,067 mg/l; EC50(48h, daphnia magna) = 0,16 mg/l; IC50(scenedesmus suspicatus, 72 h) = 0,022 mg/l
- 12.3 **Persistence and degradability**
- 12.3.1 **Biodegradation**
3-Iodo-2-propynyl butyl carbamate: Readily biodegradable.
- 12.4 **Bioaccumulative potential**
3-Iodo-2-propynyl butyl carbamate: octanol/water partition coefficient log Pow = 2,81
- 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

- 14.1 **UN No** -

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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	
15.1.2	Names of the ingredients given on the warning label	-
15.1.3	R-phrase(s)	-
15.1.4	S-phrase(s)	-

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. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
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 Signature g/mom