

PINJA PRO

Date 24.2.2009

Previous date: 11.3.2008

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

- 1.1 Identification of the article**
1.1.1 Commercial Product Name
 PINJA PRO
- 1.1.2 Product code**
 244 -series
- 1.2 Use of the Substance/Preparation**
1.2.1 Intended use
 Painting work.
 Description: A one-component water-borne acrylate paint.
- 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

Irritant; Xi
 Dangerous for the environment, N
 May cause sensitization by skin contact. Toxic 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		3.1.2 Chemical name of the substance	3.1.3 Concentration	3.1.4 Classification
	3.1.1 CAS number	EINECS			
	26530-20-1	247-761-7	2-Octyl-2H-isothiazol-3-one	< 1 %	T, N; R22-23/24-34-43-50/53
	1314-13-2	215-222-5	Zinc oxide	0 - 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.
- 4.4 Eye contact**
 Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

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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**

5.2 Extinguishing media which must not be used for safety reasons

5.3 Specific hazards

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 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**

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 dry place. Do not allow to freeze.

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 / ACGIH 2008

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

Safety eyewear must be used, specially during spray-application.

8.2.1.4 Skin and body protection

Use suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

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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 Exposure by inhalation and skin contact may cause sensitization.	
11.5	Human experience 11.5.1 Inhalation: Spray mist may cause irritation of mucous membranes of nose and throat and respiratory system. 11.5.2 Skin contact: Spray mist and splashes may cause skin and eye irritation. 11.5.3 Other effects: Harmful if taken internally.	

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

- 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	3082
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14.2	Packing group	III
14.3	Land transport	
14.3.1	ADR/RID Class	9
14.3.3	Description of the goods	environmentally hazardous substance, liquid, N.O.S. (zinc oxide)
14.4	Sea transport	
14.4.1	IMDG Class	9
14.4.2	Proper shipping name	environmentally hazardous substance, liquid, N.O.S. (zinc oxide)
14.4.3	Further Information	EmS: F-A,S-F
14.5	Air transport	
14.5.1	ICAO/IATA Class	9
14.5.2	Proper shipping name	environmentally hazardous substance, liquid, N.O.S. (zinc oxide)

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
N Dangerous for the environment

15.1.2 Names of the ingredients given on the warning label

2-Octyl-2H-isothiazol-3-one
Zinc oxide

15.1.3 R-phrases(s)

R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

15.1.4 S-phrases(s)

S23v Do not breathe spray.
S24 Avoid contact with skin.
S29 Do not empty into drains.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.

16. OTHER INFORMATION**16.1 Full text of R-phrases referred to under sections 2 and 3**

R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R22 Harmful if swallowed.
R23/24 Toxic by inhalation and in contact with skin.
R34 Causes burns.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Signature

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