PINJA FLEX PRIMER (former AKVI FLEX PRIMER)

Date 30.12.2008 Previous date: 9.2.2006

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

1.1 Identification of the article

1.1.1 Commercial Product Name

PINJA FLEX PRIMER (former AKVI FLEX PRIMER)

1.1.2 Product code

006 5000

1.2 Use of the Substance/Preparation

1.2.1 Intended use

Painting work.
Description: A waterborne, alkyd modified 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
May cause sensitization by skin contact.
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
34590-94-8	252-104-2	Dipropylene glycol methyl ether	1 - 5 %	-
55965-84-9	247-500-7/ 220-239-6	5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	< 0,003 %	T, N; R23/24/25-34-43-50/53
26530-20-1	247-761-7	2-Octyl-2H-isothiazol-3-one	< 0,1 %	T, N; R22-23/24-34-43-50/53

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.

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

8.1 Exposure Limit Values

8.1.1 Occupational exposure limit values

Dipropylene glycol methyl ether	100 ppm (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 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**	-
9.2.7	**Vapour pressure**	-
9.2.8	**Relative density**	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

12.6 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**	-
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
14.5	**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-Octyl-2H-isothiazol-3-one
5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)

15.1.3 R-phrase(s)

R43 May cause sensitization by skin contact.

15.1.4 S-phrase(s)

S24 Avoid contact with skin.
S37 Wear suitable gloves.

16. OTHER INFORMATION

16.1 Full text of R-phrases referred to under sections 2 and 3

R43	May cause sensitization by skin contact.
R22	Harmful if swallowed.
R23/24	Toxic by inhalation and in contact with skin.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
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 g/ars