

PINJALAC SOLID 30

Date 5.7.2011

Previous date: 29.11.2010

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

- 1.1 Product identifier**
- 1.1.1 Commercial Product Name**
PINJALAC SOLID 30
- 1.1.2 Product code**
389 -series
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- 1.2.1 Recommended use**
Painting work.
Description: A water-borne acrylate lacquer
- 1.3 Details of the supplier of the safety data sheet**
- 1.3.1 Supplier**
Tikkurila Oyj
- 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

- 2.1 Classification of the substance or mixture**
67/548/EEC - 1999/45/EC
Xi; R43
- 2.2 Label elements**
67/548/EEC - 1999/45/EC
Xi Irritant
- R-phrases(s)**
R43 May cause sensitization by skin contact.
- S-phrases(s)**
S23v Do not breathe spray.
S24 Avoid contact with skin.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.
- Contains:**
2-Octyl-2H-isothiazol-3-one
- 2.3 Other hazards**
Other hazards are not known.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

- 3.2 Mixtures**
- | Hazardous components | CAS number | EINECS | Chemical name of the substance | Concentration | Classification |
|----------------------|------------|-----------|--------------------------------|---------------|----------------|
| | 34590-94-8 | 252-104-2 | Dipropyleneglykol methylether | 1 - 5 % | - |

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1336-21-6	215-647-6	Ammonia	< 0,5 %	C, N; R34-50
26530-20-1	247-761-7	2-Octyl-2H-isothiazol-3-one	< 0,25 %	T, N; R22-23/24-34-43-50/53

3.3 Other information

See Section 16 for full text of R-phrases and H-statements.

4. FIRST AID MEASURES**4.1 Description of first aid measures**

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.2 Inhalation

Remove to fresh air.

4.1.3 Skin contact

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

4.1.4 Eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 15 minutes and seek medical advice if necessary.

4.1.5 Ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious). Obtain medical attention, when necessary.

4.2 Most important symptoms and effects, both acute and delayed

May cause sensitization by skin contact.

4.3 Indication of immediate medical attention and special treatment needed

None.

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****5.1.1 Suitable extinguishing media**The product is water based and is not flammable. If necessary, use alcohol resistant foam, CO₂, powders or water spray/mist.**5.1.2 Extinguishing media which must not be used for safety reasons**

None known.

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin contact with the product. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Do not allow to enter drains or water courses.

6.3 Methods and materials for containment and 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 preferably with water or detergent; avoid the use of solvents.

6.4 Reference to other sections

See also Section 13 for waste disposal instructions.

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7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place. Keep away from oxidising agents, from strongly alkaline and strongly acid materials. No smoking. Keep container tightly closed. Do not allow to freeze.

7.3 Specific end use(s)

None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Occupational exposure limit values**

Ammonia (EU) 20 ppm (8 h)

Ammonia (TLV) 25 ppm (8 h)

8.1.2 Other information on limit values

EU = Occupational Exposure Limit Values according to EU Directives 1998/24/EC, 2000/39/EC, 2006/15/EC, 2009/161/EU.

TLV = Threshold Limit Values according to ACGIH 2009 (American Conference of Governmental Industrial Hygienists)

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and vapour below the OEL, suitable respiratory protection must be worn.

8.2.2 Individual protection measures**8.2.2.1 Respiratory protection**

Use appropriate certified respirators, with gas and vapour filter A, during sanding with dust filter P2, if ventilation is insufficient. During spray-application use respirators with gas, vapour and dust filter A/P3. During continuous and long-term work the use of motor-driven or air-fed respirators is recommended.

8.2.2.2 Hand protection

Always wear approved protective gloves against chemicals.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Gloves should be replaced regularly. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Recommended protective glove type is e.g.: nitrile rubber (breakthrough time > 480 min.)

PVA gloves are not recommended.

8.2.2.3 Eye/face protection

Use safety eyewear, specially during spray-application.

8.2.2.4 Skin protection

Personnel should wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Important Health Safety and Environmental Information****9.1.1 Appearance**

Viscous liquid

9.1.6 Initial boiling point and boiling range

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9.1.7 Flash point

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9.1.10	Explosive properties	
9.1.10.1	Lower explosion limit	-
9.1.10.2	Upper explosion limit	-
9.1.11	Vapour pressure	-
9.1.13	Relative density	1,0
9.1.14	Solubility(ies)	
9.1.14.1	Water solubility	Soluble
9.2	Other information	
	None.	

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
See section 10.5.
- 10.2 Chemical stability**
Stable under recommended storage and handling conditions (see section 7).
- 10.3 Possibility of hazardous reactions**
See section 10.5.
- 10.4 Conditions to avoid**
None known.
- 10.5 Incompatible materials**
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 10.6 Hazardous decomposition products**
Hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc. may produce when exposed to high temperatures.

11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
There are no toxicological test data available on the product itself.
- 11.1.3 Sensitisation**
Contains 2-octyl-2H-isothiazol-3-one. May cause sensitization by skin contact.
Contains small amounts of preservatives:
1,2-benzisothiazol-3(2H)-one
2-methyl-2H-isothiazol-3-one
- 11.1.8 Other information on acute toxicity**
Inhalation: Long term exposure to spray mist may cause irritation of respiratory system.
Skin contact: Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis. The liquid splashed in the eyes may cause irritation.
Ingestion: Ingestion may cause nausea.

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**
No relevant data.
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**
No relevant data.
- 12.3 Bioaccumulative potential**
No relevant data.

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- 12.4 Mobility in soil**
No data available.
- 12.5 Results of PBT and vPvB assessment**
No data available.
- 12.6 Other adverse effects**
There is no ecotoxicological test data available on the product itself. The product should not be allowed to enter drains or water courses.
The product is not classified as environmentally hazardous.

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
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).
Packaging waste:
Empty cans should be recycled or disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

- 14.1 UN number** None
- 14.2 UN proper shipping name** None
- 14.3 Transport hazard class(es)** Not classified
- 14.4 Packing group** None
- 14.5 Environmental hazards**
The product is not classified as environmentally hazardous according to international transport regulations.
- 14.6 Special precautions for users**
None known.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
None known.

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
None known.
- 15.2 Chemical safety assessment**
Has not been performed.

16. OTHER INFORMATION

- 16.5 Full text of R-phrases and/or Hazard statements (H-statements) referred to under sections 2 and 3**
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|--------|--|
| R22 | Harmful if swallowed. |
| R23/24 | Toxic by inhalation and in contact with skin. |
| R34 | Causes burns. |
| 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. |
- 16.8 Additional information**

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This Safety Data Sheet is prepared in accordance with Annex II (EU) No 453/2010 to Regulation (EC) No 1907/2006 (REACH).

The information contained in this Safety Data Sheet is based on the present state of knowledge and current EU and national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Additional information available from:

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