

**POHJUSTEGEELI (Primer Gel)**

Date 16.2.2011

Previous date: 2.4.2009

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

- 1.1 Product identifier**
- 1.1.1 Commercial Product Name**  
POHJUSTEGEELI (Primer Gel)
- 1.1.2 Product code**  
006 6400
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- 1.2.1 Recommended use**  
Painting work.  
Description: Water-borne, silicone-based primer for exterior masonry surfaces.
- 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**  
-; R52/53
- 2.2 Label elements**  
**67/548/EEC - 1999/45/EC**
- R-phrases(s)**  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S-phrases(s)**  
S29 Do not empty into drains.
- Contains:**  
Triethoxy(2,4,4-trimethyl-pentyl)-silane
- 2.3 Other hazards**  
---

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

- 3.2 Mixtures**
- | Hazardous components |           | Chemical name of the substance           | Concentration | Classification      |
|----------------------|-----------|--|---------------|---------------------|
| CAS number           | EINECS    |  |               |                     |
| 35435-21-3           | 252-558-1 | Triethoxy(2,4,4-trimethyl-pentyl)-silane | 50 - 75 %     | -; R10-52/53        |
| 26635-92-7           | -         | Stearylaminnoxethylate                   | < 1 %         | Xi; N; R38-41-50/53 |

**POHJUSTEGEELI (Primer Gel)**

Date 16.2.2011

Previous date: 2.4.2009

**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**

Remove contaminated clothing. 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**

Give several small portions of water to drink. If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

---

**4.3 Indication of immediate medical attention and special treatment needed**

---

**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****5.1.1 Suitable extinguishing media**

Use foam, CO<sub>2</sub>, powder or water spray.

**5.2 Special hazards arising from the substance or mixture**

Fire will produce dense black smoke, which contains decomposition products. Avoid breathing the smoke.

**5.3 Advice for firefighters**

---

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

Avoid breathing vapours or mist. Avoid skin and eye 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**

Mechanical cleaning. Contain and collect spillage with non-combustible absorbent materials, e.g. sand.

**6.4 Reference to other sections**

---

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

Good ventilation must be provided. Keep away from open fire, sources of heat and sparks.

**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)**

---

**POHJUSTEGEELI (Primer Gel)**

Date 16.2.2011

Previous date: 2.4.2009

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

---

**8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Provide adequate ventilation. Comply with the health and safety at work laws. Do not breathe vapour. When using do not smoke, eat or drink.

**8.2.2 Individual protection measures****8.2.2.1 Respiratory protection**

If ventilation during spray-application is not sufficient, use respiratory protection with gas, vapour and dust filter AP.

**8.2.2.2 Hand protection**

Always wear approved protective gloves (e.g. PVC) against chemicals. Barrier creams may also help to protect the exposed areas of the skin.

**8.2.2.3 Eye/face protection**

During spray-application use safety eyewear designed to protect against splashes of liquids.

**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**

White paste, slight odour

**9.1.6 Initial boiling point and boiling range** 100 °C

**9.1.7 Flash point** 64 °C

**9.1.9 Flammability (solid, gas)** 265 °C

**9.1.10 Explosive properties**

**9.1.10.1 Lower explosion limit** -

**9.1.10.2 Upper explosion limit** -

**9.1.11 Vapour pressure** 23 hPa (20 °C)

**9.1.13 Relative density** 0,9

**9.1.14 Solubility(ies)**

**9.1.14.1 Water solubility** Soluble

**9.2 Other information**

-

**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**

When exposed to high temperatures may produce hazardous decomposition products.

**10.5 Incompatible materials**

Reacts slowly with water and acids. Reaction causes the formation of ethanol.

**POHJUSTEGEELI (Primer Gel)**

Date 16.2.2011

Previous date: 2.4.2009

**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**

The product is not classified as sensitizing by skin contact, but it contains small amounts of preservatives which may produce an allergic reaction: mixture of: 5-chloro-2-methyl-2H-isothiazol-3-on and 2-methyl-2H - isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 2,2'-dithiobis(N-methylbenzamide), bronopol and formaldehyde.

**11.1.8 Other information on acute toxicity**

**Inhalation:** Long term exposure to spray mist may cause irritation of respiratory system.

**Skin contact:** Spray mist and splashes may cause slight irritation in the eyes and skin dryness.

**Ingestion:** Ingestion may cause nausea.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity****12.1.1 Aquatic toxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**12.2 Persistence and degradability****12.2.1 Biodegradation**

-

**12.3 Bioaccumulative potential**

-

**12.4 Mobility in soil**

-

**12.5 Results of PBT and vPvB assessment**

-

**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.

**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 or 08 01 12 (waste paint and varnish).

**Packaging waste:**

Empty cans should be recycled or disposed of in accordance with local regulations.

**14. TRANSPORT INFORMATION****14.1 UN number**

-

**14.2 UN proper shipping name**

-

**14.3 Transport hazard class(es)**

not classified

**14.4 Packing group**

-

**14.5 Environmental hazards**

The product is not classified as environmentally hazardous according to international transport regulations.

**POHJUSTEGEELI (Primer Gel)**

Date 16.2.2011

Previous date: 2.4.2009

**14.6 Special precautions for users**

-

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

-

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

-

**15.2 Chemical safety assessment**

-

**16. OTHER INFORMATION****16.5 Full text of R-phrases and/or Hazard statements (H-statements) referred to under sections 2 and 3**

R10

Flammable.

R38

Irritating to skin.

R41

Risk of serious damage to eyes.

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.

**16.8 Additional information**

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

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:

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/niear