

Date: 27.02.2013

Previous date: 03.08.2009

Trade name and code:

HANSA SILICATE PRIMER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name and code:

HANSA SILICATE PRIMER**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Waterborne paint for exterior and interior use

Field of application:

Painting works

1.3 Details of the supplier of the safety data sheet**Importer/Producer****AS TIKKURILA**

Address

Liimi 5, 10621, Tallinn, Estonia

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Info.ee@tikkurila.comResponsible for SDS preparation productsafety.ee@tikkurila.com**+372 6 501 130 (Office hours)****1.4 Emergency telephone number**

112 (in Estonia, 24h)

Poison centre number**16655(in Estonia, Office hours)****2. HAZARD IDENTIFICATION****2.1. Classification of the substance or mixture:** The product classified according to directive EC 1995/45.

Irritant, Xi, R41

2.2. Label elements:**R-phrases)**

R41 Risk of serious damage to eyes

S-phrases)

S 2 -Keep out of the reach of children.

S23 -Do not breathe vapour/spray.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

S46 -If swallowed, seek medical advise immediately and show this container or label

S51 - Use only in well ventilated areas

2.3. Other hazards: No ohter known hazards**3 COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances:-****3.2 Mixtures:****Hazardous components and their classification CLP1272/2008 :**

EC Number	CAS Number	Chemical name of ingredient	Concentration	Classification
215-199-1	1312-76-1	Potassium Silicate	1-10 %	-

Hazardous components and their classification DPD 67/548/EEC:

EC Number	CAS Number	Chemical name of ingredient	Concentration	Classification
215-199-1	1312-76-1	Potassium Silicate	1-10%	Xi; R38-41

Other information: For meaning of symbols see section 16.

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4. FIRST AID MEASURES

4.1. Description of first aid measures: In cases of doubt, seek medical attention.

4.1.2 Inhalation: Remove patient to fresh air.

4.1.3 Skin contact: Remove contaminated clothing, wash skin with clean water and soap, if required apply skin cream. On heavy contamination, use an appropriate cleanser.

4.1.4 Eye contact: Remove contact lenses. Holding eyelids apart, flush eyes immediately with clean fresh water (at least 15 minutes). If irritation continues, seek medical advice.

4.1.5 Ingestion: Let patient drink water or milk or activated carbon. If patient feels unwell, call for medical aid. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed: None known

4.3. Indication of any immediate medical attention and special treatment needed: None

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

5.1.1 Suitable extinguishing media: Recommended: powder, foam, CO₂ fire extinguishers

5.1.2 Extinguishing media which must not be used for safety reasons: Water jet, can spread fire.

5.2. Special hazards arising from the substance or mixture: May produce black fumes, when burning. Avoid breathing of hazardous gases CO, CO₂.

5.3. Advice for firefighters: Full protective equipment, breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions: Do not allow the product to enter sewage systems, water course, ground waters and do not pour it onto the ground.

6.3. Methods and material for containment and cleaning up: In case of spillage, contain and collect spilled product as soon as possible using neutral absorbent materials (sand, perlite, vermiculite etc.). Contaminated area may be treated with water solution of an alkaline cleanser. Avoid using of solvents. Collect the wastes into a closed receptacle for wastes and dispose it in an appropriate way according to local regulations

6.4. Reference to other sections: See also section 13 for waste disposal instructions.

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 well-ventilated enclosed area in closed containers at a moderate temperature. Avoid freezing.

7.3. Specific end use(s): None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters: (Occupational Exposure Limit Values according to EU Directives and Threshold Limit Values according to ACGIH 2009).

8.2. Exposure controls

8.2.1 Appropriate engineering controls: Provide adequate ventilation.

8.2.2 Individual protection measures

8.2.2.1 Respiratory protection: When working with airbrush, it is recommended to wear face mask with filter or respirator (type P2 (II b) or AP).

8.2.2.2 Hand protection: On long-term work with the product, it is recommended to wear protective gloves of vinyl or latex. On the professional use of the product (as per EN 374), it is

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recommended to wear protective gloves, e.g. № 706 (Laprene, 0.6 mm thick, index 6 – 480 minutes).

8.2.2.3 Eye/face protection: To protect eyes against splashes, wear protective safety goggles.

8.2.2.4 Skin protection: If necessary, wear protective clothing, which should preferably be of antistatic fabric, and non-slipping protective footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

9.1.1 Appearance	Viscous liquid, white in color.
9.1.4 pH	11-12
9.1.5 Melting point/freezing range	-
9.1.6 Initial boiling point and boiling range	-
9.1.7 Flash point	-
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 (water = 1,0)
9.1.14 Solubility(ies)	
9.1.14.1 Water solubility	Well miscible
9.1.14.2 Solvent solubility	Not soluble
9.1.17 Auto-ignition temperature	-
9.1.16 Partitioning coefficient, log Kow/log Pow	-
9.1.18. Viscosity	-

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: When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials: Avoid contact with strong acids.

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: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one and 2,2'-dithiobis(N-methylbenzamide).

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

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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.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: No data available.

12.6 Other adverse effects: The product is not classified as environmentally hazardous. 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 wastes: Clean working tools from liquid residues and wash them with water. Disposal of wastes must be made in accordance with effective local regulations. Liquid waste code in compliance with the EC Directive: 08 01 12.

Packaging waste: Packing or empty product's container must be disposed of in accordance with effective local legislation. Before reusing, thoroughly clean the product's containers.

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: -

14.5. Environmental hazards: The product is not classified as environmentally hazardous according to international transport regulations.

14.6. Special precautions for user: -

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: -

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.

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16. OTHER INFORMATION

16.5 R-phrases mentioned in section 3.

R38 Irritating to skin.

16.8 Additional information

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 produkt and should not be construed as any guarantee of technical performance or suitability for particular applications.

Additional information available from:

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