Safety Data Sheet

Reflekt wood protection

Replaces date: 10/12/2018 Revision date: 15/11/2019

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Trade name: Reflekt wood protection

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Wood protection

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Rusta AB

Address: Box 5064

Zip code: 194 05

City: Upplands Väsby

Country: SWEDEN

E-mail: rusta.mail@rusta.se

Phone: +46 (0)8 626 43 00

1.4. Emergency Telephone Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Irrit. 2;H315 Eye Irrit. 2;H319

Most serious harmful effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Pictograms

Signal word: Warning

H-phrases

H315	Causes skin irritation.
H319	Causes serious eye irritation.

P-phrases

P102	Keep out of reach of children.
P280	Wear protective gloves/eye protection.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Silicic acid, sodium salt, mol-ratio >2,6-3,2	1344-09-8	215-687-4	1-2119449725-31	8 - 13%		Skin Irrit. 2;H315 Eye Irrit. 2;H319
Silicic acid, potassium salt, mol-ratio >2,6-3,2	1312-76-1	215-199-1	01-2119456888-17	3 - 8%		Skin Irrit. 2;H315 Eye Irrit. 2;H319

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Not relevant.

Ingestion: Do not induce vomiting. Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

Skin contact: Take off contaminated clothing and wash before reuse. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eye contact: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

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

May cause eye irritation. Can be irritating after prolonged skin contact.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air.

5.3. Advice for fire-fighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Spillage may cause slipperiness. Wear suitable protective clothing. Wear safety goggles if there is a risk of eye splash.

6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.
Rinse with water.

6.4. Reference to other sections

See section 8 for type of protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Take off contaminated clothing and wash before reuse. Running water and eye wash equipment should be available.

7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed original packaging. Store cold, but frost-free.
Reacts with metals to form hydrogen gas which may produce explosive hydrogen/air mixtures.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

8.2. Exposure controls

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Preparation: Wear boots.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves:

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Colourless
Odour	Odourless
Solubility	Solubility in water: Complete
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	~ 12	According to tests, the product need not be classified. *
pH (concentrate)	No data	

Melting point	No data	
Freezing point	~ 0 °C	
Initial boiling point and boiling range	~ 100 °C	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	1.0 - 1.1	
Partition coefficient n-octonol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Other Information: * Source: SOLUBLE SILICATES (2014) by Centre Européen d'Etude des Silicates

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Aluminium. glass

10.2. Chemical stability

The substance is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid contact with: Aluminium. glass

10.5. Incompatible materials

Can etch glass, aluminum and other alkali-sensitive surfaces.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: Ingestion may cause smarting in the mouth and throat, nausea and vomiting.

Acute toxicity - inhalation: Vapours and mist may cause smarting in the nose and throat, and also sneezing and coughing.

Skin corrosion/irritation: Irritating to skin - may cause reddening. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation: May cause eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

The concept of biodegradability is not relevant, as the substance is inorganic.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not discharge large quantities of concentrated spills and residue into drains. Empty, cleansed packaging should be disposed of for recycling.

Category of waste: EWC code: Depends on line of business and use, for instance 03 02 04* inorganic wood preservatives 20 01 15* alkalines
15 01 02 plastic packaging

SECTION 14: Transport information

14.1. UN-No.:	Not applicable.	**14.4. Packing group:**	Not applicable.
14.2. UN proper shipping name:	Not applicable.	**14.5. Environmental hazards:**	Not applicable.
14.3. Transport hazard class(es):	Not applicable.		

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Vendor notes: Changes have been made in sections: 2, 3, 9, 11, 16.

List of relevant H-statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Document language: GB