

SAFETY DATA SHEET

SCHÖNOX TT S8 RAPID



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

Identification of the substance or preparation

Product name : SCHÖNOX TT S8 RAPID
Product type : Cement based tile adhesive. The product is dust reduced.
Product no. : 3689

Company/undertaking identification

Supplier/Manufacturer : Akzo Nobel Bygglim AB
P.O. Box 11550
100 61 Stockholm, Sweden
Tel. +00468 7434000
Fax. +00468 6436370

e-mail address of person responsible for this SDS : miljo_bygglim@akzonobel.com

Emergency telephone number (with hours of operation) : CALL 020-99 60 00
(Kemiakuten, open 24 hours 7 days a week)

2. HAZARDS IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Xi; R41, R37/38

Human health hazards : Risk of serious damage to eyes. Irritating to respiratory system and skin.

Additional hazards : The product mixed with water forms corrosive mixture which might give persistent damage to eyes and skin. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	CAS number	EC number	%	Classification
Cement, alumina	65997-16-2	266-045-5	25-50	Xi; R41, R37/38 [1] [2]
silica sand - quartz	14808-60-7	238-878-4	10-25	Not classified. [2]
Cement, portland	65997-15-1	266-043-4	10-25	Xi; R41, R37/38 [1] [2]
See section 16 for the full text of the R-phrases declared above				

The content of respiratory quartz is less than 2 % (particlesize <5 micro).

The Portland cement is reduced on Cr (VI). Therefore R-43 is not applicable for the finished product.

This Safety data sheet refers to the product properties in dry condition. The product contains cement that blended with water might be corrosive on skin and eyes.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

First aid measures

Inhalation : If inhaled, remove to fresh air.

Ingestion : Drink several glasses of water or milk. If swallowed, do not induce vomiting. Get medical attention.

Skin contact : Remove dusty and contaminated cloths Wash with soap and water.

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

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

See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Do not allow to enter drains or watercourses.
- Methods for cleaning up**
- Small spill** : Vacuum or sweep up material and place in a designated, labeled waste container.
- Large spill** : Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

- Handling** : When handling the product good industrial hygienic standard should always be maintained. Put on appropriate personal protective equipment (see section 8). The Portland cement is chrome reduced. Persons who are allergic to chrome should not use the ready to use mixture.
- Storage** : Keep dry at room temperature in a tightly closed container. This prolongs the effect of the substance that is added to minimise the risk of chrom sensitization from cement

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Cement, alumina	AFS 2005:17 (Sweden). NGV: 10 mg/m ³ 8 hour(s). Form: Dust
Quartz (SiO ₂)	AFS 2005:17 (Sweden, 6/2007). TWA: 0,1 mg/m ³ 8 hour(s). Form: respirable dust
Portland cement	AFS 2005:17 (Sweden). NGV: 10 mg/m ³ 8 hour(s). Form: Dust

Exposure controls

- General** : Depending on handled quantities and working conditions, use following recommended protective equipment.
- Occupational exposure controls** : If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
- Respiratory protection** : Dust respirator. Filter P2, (Dust).
- Hand protection** : 4-8 hours (breakthrough time): Nitrile gloves.
- Eye protection** : Tightly-fitting goggles
- Skin protection** : Comprehensive clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Solid. [Powder.]
- Color** : Gray. [Dark]
- Density** : 1,02 g/cm³ [20°C (68°F)]

10. STABILITY AND REACTIVITY

- Chemical stability** : The product is stable.
- Conditions to avoid** : The product mixed with water forms corrosive mixture which might give persistent damage to eyes and skin.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Toxicokinetics

- Absorption** : Contains material which causes damage to the following organs: lungs, upper respiratory tract, eye, lens or cornea.
Contains material which may cause damage to the following organs: skin.

Distribution :

Potential acute health effects

- Inhalation** : Irritating to respiratory system.
- Ingestion** : Irritating to mouth, throat and stomach.
- Skin contact** : Irritating to skin.
- Eye contact** : Severely irritating to eyes. Risk of serious damage to eyes.
- Inhalation** : Adverse symptoms may include the following:
respiratory tract irritation
coughing

Skin : Adverse symptoms may include the following:
irritation
redness

Eyes : Adverse symptoms may include the following:
pain or irritation
watering
redness

- Other information** : The Portland cement is chrome reduced. The additives reduces Cr (VI) to minimize the risk of chrome eczema. This effect is reduced during storage, especially in a damp conditions. Store dry and at room temperature in a tightly closed package. Persons who are chrome allergic should not handle the ready to use mixture.
- There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

12. ECOLOGICAL INFORMATION

- Environmental effects** : No known significant effects or critical hazards.
- There is no data available on the preparation itself. Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

13. DISPOSAL CONSIDERATIONS

- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal should be in accordance with applicable regional, national and local laws and regulations. Empty packages can be left for recycling. For Sweden: Akzo Nobel Bygglim AB are connected to the REPA-system (org.nr. 556026-1876). Please contact local authority for information advise on waste. Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
- European waste catalogue (EWC)** : 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
- Hazardous waste** : Non cured product is Hazardous waste and should be left to destruction according to local regulations. Cured product is not dangerous waste, and can be disposed as other waste.

14. TRANSPORT INFORMATION

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information:
ADR/RID Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA Class	Not regulated.	-	-	-		-

PG* : Packing group

15. REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Hazard symbol or symbols :



Irritant

Risk phrases

: R41- Risk of serious damage to eyes.
R37/38- Irritating to respiratory system and skin.

Safety phrases

: S2- Keep out of the reach of children.
S22- Do not breathe dust.
S24/25- Avoid contact with skin and eyes.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39- Wear suitable gloves and eye/face protection.
S46- If swallowed, seek medical advice immediately and show this container or label.

Additional warning phrases

: The Portland cement is chrome reduced. Persons who are allergic to chrome should not use the ready to use mixture.

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - Sweden

: R41- Risk of serious damage to eyes.
R37/38- Irritating to respiratory system and skin.

Full text of classifications referred to in sections 2 and 3 - Sweden

: Xi - Irritant

Further information

: The product is dust reduced

History

Date of printing : 2010-11-09.

Date of issue/ Date of revision : 2010-11-09.

Date of previous issue : No previous validation.

Version : 1

Prepared by : Tornqvist Madelene

Indicates information that has changed from previously issued version.