

# SAFETY DATA SHEET

SCHÖNOX PFK WHITE



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

### Identification of the substance or preparation

**Product name** : SCHÖNOX PFK WHITE  
**Product type** : Cement based tile adhesive  
**Product no.** : 3692

### 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
Quartz (SiO <sub>2</sub> )	14808-60-7	238-878-4	50-75	Not classified. [2]
Cement, portland, chemicals	65997-15-1	266-043-4	25-50	Xi; R41, R37/38 [1] [2]
Calcium diformate	544-17-2	208-863-7	0.1-1	Xi; R41 [1]
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.
- Special exposure hazards** : No specific fire or explosion hazard.
- 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). Wear appropriate respirator when ventilation is inadequate. 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>
Quartz (SiO <sub>2</sub> )	<b>AFS 2005:17 (Sweden, 6/2007).</b> TWA: 0,1 mg/m <sup>3</sup> 8 hour(s). Form: respirable dust
Cement, portland, chemicals	<b>AFS (Sweden).</b> NGV: 10 mg/m <sup>3</sup> 8 hour(s). Form: Inhalable 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** : White. [Light]
- Odor** : Characteristic. [Slight]
- Density** : 1,25 g/cm<sup>3</sup> [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.

### 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.

### Over-exposure signs/symptoms

- 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 cement contains < 2 mg/kg hexavalent chromium (Cr VI) at delivery and 12 months from that date, if stored in a dry location. After 12 months storage, the chrome reducing effect decreases and there is an increasing risk of developing chromium eczema. Store dry in a tightly closed package.

**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

History

Date of printing : 2010-02-22.

Date of issue/ Date of revision : 2010-02-22.

Date of previous issue : No previous validation.

Version : 1

Prepared by : Eriksson Åsa

Indicates information that has changed from previously issued version.