

# Safety data sheet

Acc. Regulation (EC) No 1907/2006

Date: 13.11.2014

Rev. 04

Page 1 from 5

---

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

### Identification of the substance or preparation

Product name: Fire Protection Mortar PYRO-SAFE NOVASIT VGM

### Use of the substance/preparation

Recommended use: dry-mortar containing cement for mixing with water

### Producer

svt Brandschutz Vertriebsgesellschaft mbH International  
Gluesinger Str. 86  
D-21217 Seevetal  
Tel +49-4105-4090-0  
msds@svt.de

### Emergency phone

DE: +49-172-4090-400  
Department: Central Technology

---

## 2. HAZARD IDENTIFICATION

### Hazard description



Xi irritant

### Information concerning particular hazards for human and environment:

R 37/38 Irritating to respiratory system and skin.

R 41 Risk of serious damage to eyes. Classification system

### GHS – Label elements



Danger

H318 Causes serious eye damage



Warning

H335 - May cause respiratory irritation.

### Warning

H315 - Causes skin irritation.

EUH070 - Toxic by eye contact.

### Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

### Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see on this label).

### Storage:

P405 Store locked up.

### Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### Additional information:

Hazard designation "irritant" is not applicable to dry powder, but only after moisture/water addition (alkaline reaction). The preparation is low in chromate (in accordance with TRGS 613/ Germany)

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical characterization

### Description

### Dangerous components




# Safety data sheet

Acc. Regulation (EC) No 1907/2006

Date: 13.11.2014

Rev. 04

Page 2 from 5

Name	CAS-No	EINECS	Symbol(s)	R-phrases	Concentration
Cement, Portland, chemicals	65997-15-1	266-043-4	 Xi Danger  3.3/1 Warning  3.8/3, 3.2/2	37/38-41	10 - 25 %

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4. FIRST AID MEASURES

### After skin contact

Immediately wash with water and soap and rinse thoroughly.

### After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

### After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

### Information for doctor

If swallowed seek medical advice immediately and show the doctor packing or label.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

### Extinguishing media which must not be used for safety reasons

Water with full jet

### Protective equipment:

No special measures required.

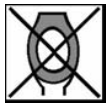
## 6. ACCIDENTAL RELEASE MEASURES

### Person-related safety precautions:

Avoid formation of dust.

Ensure adequate ventilation

### Measures for environmental protection:



Do not allow product to reach sewage system or any water course.

### Measures for cleaning/collecting:

Pick up mechanically.

## 7. HANDLING AND STORAGE

### Handling

#### Information for safe handling

Prevent formation of dust.

#### Information about fire - and explosion protection:

No special measures required.

### Storage

#### Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

#### Information about storage in one common storage facility:

Not required

#### Further information about storage conditions:

Manufacturers instructions relating to storage conditions and use-by date must be adhered to. In case of improper storage (moisture admission) or non respect of the use-by date, the contained chromate reducing agent may become ineffective and sensitisation through skin contact cannot be excluded.

# Safety data sheet

Acc. Regulation (EC) No 1907/2006

Date: 13.11.2014

Rev. 04

Page 3 from 5

---

## Storage class

13

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Additional information about design of technical facilities:

No further details, see item 7

### Ingredients with limit values that require monitoring at the workplace:

65997-15-1 Cement, portland, chemicals (10-25%)

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>

\*inhalable dust \*\*respirable dust

### Additional information:

The lists valid during the making were used as basis.

### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Do not inhale dust / smoke / mist.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Be sure to clean skin thoroughly after work and before breaks.

Use skin protection cream for skin protection

### Respiratory protection



Dust mask

### Protection of hands



Protective gloves

**Material of gloves** Nitrile rubber, NBR

**Penetration time of glove material** -

### Eye protection



safety glasses

### Body protection

Protective work clothing

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

Form:	solid powder
Colour:	according to product specification
Odour:	odourless

### Change in condition

Melting point / Melting range:	not determined
Boiling point / Boiling range:	not determined

### Flash point:

Self-igniting: Product is not selfigniting

Danger of explosion: Product does not present an explosion hazard.

Density: not determined

### Solubility in/miscibility with

Water:	slightly soluble
--------	------------------

# Safety data sheet

Acc. Regulation (EC) No 1907/2006

Date: 13.11.2014

Rev. 04

Page 4 from 5

---

Organic solvents:	0.0%
Water:	0.0%
<b>Solids content:</b>	<b>100.0%</b>

---

## 10. STABILITY AND REACTIVITY

### **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

### **Materials to be avoided:**

not determined

### **Dangerous decomposition products:**

No dangerous decomposition products known.

---

## 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity:**

### **Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

**Sensitization:** As long as the use-by date is not exceeded a sensitizing effect is not to be expected.

### **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

---

## 12. ECOLOGICAL INFORMATION

### **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

---

## 13. DISPOSAL CONSIDERATIONS

### **Product**

### **Recommendation**



Must not be disposed together with household garbage. Do not allow product to reach Sewage system. Remove in accordance with local official regulations

### **European Waste Catalogue**

10 13 11 wastes from the production of cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10

10 13 14 waste concrete and concrete sludge

### **Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

---

## 14. TRANSPORT INFORMATION

### **Land transport ADR/RID (cross-border)**

**ADR/RID class:** -

**Item:** No hazardous material as defined by the prescriptions.

### **Maritime transport IMDG:**

**IMDG Class:** -

**ICAO/IATA Class:** -

**UN "Model Regulation":** -

---

---

## 15. REGULATORY INFORMATION

### **Labeling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

### **Code letter and hazard designation of product:**



**Xi irritating**

### **R phrases**

37/38 Irritating to respiratory system and skin.  
41 Risk of serious damage to eyes.

### **S phrases**

2 Keep out of the reach of children.  
22 Do not breath in dust  
25 Avoid contact with eyes  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
29 Do not empty into drains.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
46 If swallowed, seek medical advice immediately and show this container or label.

**National regulations: -**

---

## 16. OTHER INFORMATION

According to Art. 6 (3) of the European Directive 1999/45/EC mortar must not be classified as R 43 as with conventional assessing the sensitising effect of mortar has been overestimated due to the antagonistic effects (chromium VI) and reducing agent.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Relevant R-phrases**

37/38 Irritating to respiratory system and skin.  
41 Risk of serious damage to eyes.

This safety data sheet is issued by central technical department

### **Abbreviations and Acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals