

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## PYRO-SAFE® FLAMMOTECT-A Coating PYRO-SAFE® FLAMMOTECT-A Solid emulsion PYRO-SAFE® FLAMMOTECT-A Filler

Revision date: 13.06.2019

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### **1.1. Product identifier**

PYRO-SAFE® FLAMMOTECT-A Coating  
PYRO-SAFE® FLAMMOTECT-A Solid emulsion  
PYRO-SAFE® FLAMMOTECT-A Filler

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

##### **Use of the substance/mixture**

Fire protection material

#### **1.3. Details of the supplier of the safety data sheet**

Company name:	svt Brandschutz Vertriebsgesellschaft mbH International	
Street:	Glüsinger Straße 86	
Place:	D-21217 Seevetal	
Telephone:	+49 (0) 4105 / 4090 - 0	Telefax: +49 (0) 4105 / 4090 - 32
e-mail:	info@svt.de	
Internet:	www.svt.de	
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

**1.4. Emergency telephone number:** INTERNATIONAL: +49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)

### SECTION 2: Hazards identification

#### **2.1. Classification of the substance or mixture**

##### **Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

#### **2.2. Label elements**

##### **Regulation (EC) No. 1272/2008**

##### **Special labelling of certain mixtures**

EUH208 Contains Mixture of 5-chloro-2-methylisothiazol-3(2H)-one and  
2-methylisothiazol-3(2H)-one (3:1). May produce an allergic reaction.

##### **Additional advice on labelling**

The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).

#### **2.3. Other hazards**

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

High risk of slipping due to leakage/spillage of product.

### SECTION 3: Composition/information on ingredients

#### **3.2. Mixtures**

##### **Chemical characterization**

Aqueous dispersion with organic and inorganic fillers / pigments

### SECTION 4: First aid measures

#### **4.1. Description of first aid measures**

##### **General information**

Remove contaminated clothes and wash before re-use.

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### After inhalation

Take affected person into fresh air. Consult a physician.  
Get medical attention, if respiratory irritation develops or if breathing becomes difficult.

### After contact with skin

Remove contaminated soaked clothing immediately.  
In case of contact with skin wash off immediately with plenty of water.

### After contact with eyes

Rinse immediately with plenty of lukewarm water, also under the eyelids, for at least 15 minutes.  
Do not rub eyes - contains inorganic fillers, which irritate the eyes mechanically like other inert materials. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

### After ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Consult a physician.

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

Symptoms of eye or skin irritation: burning, redness, swelling

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

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Product itself does not burn. Use fire fighting measures that suit the environment and products stored.  
Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray

#### Unsuitable extinguishing media

Full water jet.

### 5.2. Special hazards arising from the substance or mixture

None

### 5.3. Advice for firefighters

In case of fire, wear suitable respiratory equipment with positive air supply.

### Additional information

Remove product from area of fire, or otherwise cool containers with water to avoid pressure being build up due to heat.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, skin or mucous membrane. Do not breathe vapours and aerosols.  
Ensure adequate ventilation, especially in confined areas.  
High risk of slipping due to leakage/spillage of product.

### 6.2. Environmental precautions

Do not discharge large amounts into the drains or bodies of water. Inform competent authority about release into the sewage, ground or into waters.

### 6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

### 6.4. Reference to other sections

Information for disposal see section 13.

## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Advice on safe handling

No special measures necessary if used correctly.  
Do not keep containers unlocked.  
Observe the technical data sheet.

#### Advice on protection against fire and explosion

No special precautions required.

#### Further information on handling

When using do not eat, drink or smoke.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.  
Keep only in original container.

#### Further information on storage conditions

No special storage conditions required.

### 7.3. Specific end use(s)

Intumescent paint or putty for fire protection systems

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

### 8.2. Exposure controls



#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Protective and hygiene measures

Take the usual precautions when handling with chemicals.  
Wash hands before breaks and at the end of workday.  
When using do not eat, drink or smoke.

#### Eye/face protection

Tightly fitting goggles (EN 166).

#### Hand protection

Chemical-resistant gloves (EN 374), Safety gloves for the site (EN420, Cat. 1 or 2)  
Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration.

#### Skin protection

Protective clothing

#### Respiratory protection

Not required under normal use.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: Viscous liquid / pasty  
Colour: White / Grey  
Odour: Almost odourless

pH-Value: 7.0 - 7.8 (10 % in water)

#### Changes in the physical state

Melting point: Not applicable  
Initial boiling point and boiling range: ~ 100 °C  
Sublimation point: Not applicable  
Softening point: Not applicable  
Flash point: Not applicable  
Sustaining combustion: Not sustaining combustion

#### Flammability

Solid: Not applicable

#### Explosive properties

Not explosive.

Lower explosion limits: Not applicable  
Upper explosion limits: Not applicable  
Ignition temperature: Not applicable

#### Auto-ignition temperature

Solid: No data available

Decomposition temperature: No data available

#### Oxidizing properties

Not combustible

Vapour pressure: No data available

Density (at 20 °C): 1.34 - 1.48 g/cm<sup>3</sup>

Water solubility: Miscible

#### Solubility in other solvents

No data available

Partition coefficient: No data available

Viscosity / kinematic: No data available

Flow time: No data available

Vapour density: No data available

#### 9.2. Other information

Viscosity:

PYRO-SAFE® FLAMMOTECT-A Farbe: 6 000 - 10 000 mPas (20 °C)

PYRO-SAFE® FLAMMOTECT-A Feste Farbe: 25 000 - 40 000 mPas (20 °C)

PYRO-SAFE® FLAMMOTECT-A Spachtel: not measureable

### SECTION 10: Stability and reactivity

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### **10.1. Reactivity**

Reactivity with the intended use is not associated with any hazards.

### **10.2. Chemical stability**

Chemically stable.

### **10.3. Possibility of hazardous reactions**

None under normal processing.

### **10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Keep from freezing.

### **10.5. Incompatible materials**

Strong acids., strong bases

### **10.6. Hazardous decomposition products**

No decomposition if stored and applied as directed.

### **Further information**

Keep only in original container.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Toxicokinetics, metabolism and distribution**

Health injuries are not known or expected under normal use.

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

Contact with eyes may cause irritation.

#### **Sensitising effects**

Contains Mixture of 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1). May produce an allergic reaction.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Ecological data are not available.

### **12.2. Persistence and degradability**

Not determined

### **12.3. Bioaccumulative potential**

Not determined

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### 12.4. Mobility in soil

Not determined

### 12.5. Results of PBT and vPvB assessment

Not determined

### 12.6. Other adverse effects

Not determined

### Further information

Do not release undiluted or in higher quantities into the groundwater, sewerage or waters.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Do not discharge into the drains/surface waters/ground water. The waste code number must be agreed with the disposer / manufacturer / competent authority. Waste disposal according to local regulations.

#### Waste disposal number of waste from residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

#### Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### Contaminated packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

Cleaning agent: Water

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

#### 14.1. UN number:

No dangerous good in sense of this transport regulation.

#### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

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- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

### **14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

#### **EU regulatory information**

2004/42/EC (VOC): < 10 %  
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III):

#### **National regulatory information**

Water contaminating class (D): 2 - clearly water contaminating

### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### **Changes**

-

### **Abbreviations and acronyms**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (Agreement concerning the international carriage of Dangerous goods by Road)  
IMDG-Code: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organisation (IATA: The International Air Transport Association)  
GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

### **Relevant H and EUH statements (number and full text)**

EUH208 Contains Mixture of 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1). May produce an allergic reaction.

### **Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*