

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**PYRO-SAFE® DG-CR**  
**PYRO-SAFE® DG-CRF**  
**PYRO-SAFE® DG-CR SK**  
**PYRO-SAFE® DG-CR BS**  
**PYRO-SAFE® DG-OA SK**

Revision date: 15.01.2020

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

### 1.1. Product identifier

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UFI: H53N-JN4R-AQCH-6NW9

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

#### Use of the substance/mixture

Fire protection reinforcement

### 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

#### Additional advice on labelling

This product does not require labeling according to 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.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Fibre glass reinforcement with an intumescent coating

## 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**

Inhalation is not considered a potential route of exposure.

## **After contact with skin**

Remove contaminated clothes and wash before re-use.

## **After contact with eyes**

Contact with eyes is not considered a potential route of exposure.

## **After ingestion**

Ingestion is not considered a potential route of exposure.

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

Health injuries are not known or expected under normal use.

## **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**

Apply cooling water to the side of containers that are exposed to flames.

## **SECTION 6: Accidental release measures**

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

No specific precautions required.

### **6.2. Environmental precautions**

Do not discharge large amounts into the drains or bodies of water.

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

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.

### **6.4. Reference to other sections**

Information for disposal see section 13.

## **SECTION 7: Handling and storage**

### **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.

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## 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.

### Further information on storage conditions

No special storage conditions required.

Recommended storage: < 50 °C.

## 7.3. Specific end use(s)

See identified use in SECTION 1.2

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Protective and hygiene measures

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

#### Eye/face protection

Not required under normal use.

#### Hand protection

Not required under normal use.

#### Skin protection

Protective clothing

#### Respiratory protection

Not required under normal use.

## **SECTION 9: Physical and chemical properties**

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

Physical state:	Flexible
Colour:	Grey / anthracite; gray / dark red; gray / black; red / anthracite; self-adhesive film / anthracite; self-adhesive film / dark red; self-adhesive film / black; PYRO-SAFE® DG-OA SK: red, other colours possible
Odour:	Odourless

#### Changes in the physical state

Melting point: No data available

Initial boiling point and boiling range: No data available

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Flash point: Not applicable

Sustaining combustion: Not sustaining combustion

## Flammability

Solid: Not applicable

## Explosive properties

The product is 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 fire-promoting.

Vapour pressure: No data available

Density: Refer to section: 9.2 g/cm<sup>3</sup>

Water solubility: insoluble

## Solubility in other solvents

No data available

Partition coefficient: No data available

Viscosity / dynamic: Not applicable

Viscosity / kinematic: Not applicable

## 9.2. Other information

Density (20 °C):

PYRO-SAFE® DG-CR: 700 - 2650 g/m<sup>2</sup>

PYRO-SAFE® DG-CRF: 1900 - 2320 g/m<sup>2</sup>

PYRO-SAFE® DG-CR SK: 1650 - 1950 g/m<sup>2</sup>

PYRO-SAFE® DG-CR BS: 1580 - 1950 g/m<sup>2</sup>

PYRO-SAFE® DG-OA SK: 700 - 2500 g/m<sup>2</sup>

## SECTION 10: Stability and reactivity

### 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.

Thermal decomposition > 150 °C.

At high temperatures may produce hazardous decomposition products.

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## **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**

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

#### **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

### **12.4. Mobility in soil**

Not determined

### **12.5. Results of PBT and vPvB assessment**

Not determined

### **12.6. Other adverse effects**

Not determined

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

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## Disposal recommendations

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.

## List of Wastes Code - residues/unused products

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

## 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)

**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

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

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## National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

## 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### Changes

Changes in chapter: 1.1, 7.3, 9.1

### 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

### 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)

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