

## Safety Data Sheet (1907/2006/EC)

Material: FM PVC S####, All Grades: **S5831, S6031, S6532, S6542, S6732, S7042, S7242, S8040**  
Version: 1.10 (GB) Date of print: 30.06.2017 Date of last alteration: 30.06.2017

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

- 1.1 Product identifier  
Commercial product name: FM PVC S(All Grades) S5831, S6031, S6532, S6542, S6732, S7042, S7242, S8040  
**Product identifier:** Polyvinylchloride  
**CAS No.:** 9002-86-2
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
**Use of substance / preparation:** Industrial.  
**Raw material for:** PVC processing  
This product is a polymer, which is exempted from registration according to (EC) regulation 1907/2006, article 2.
- 1.3 Details of the supplier of the safety data sheet  
**Manufacturer/distributor:** FM Plastics BV  
**Street/POB-No.:** Bultweg 11  
**Postal code/city:** 8346 KA, De Bult  
**Country:** The Netherlands  
**Telephone:** +31 521 520 041  
**Telefax:** +31 521 522 084  
**Information about the Safety Data Sheet:**  

Telephone	+31 521 520 041
Telefax	+31 521 522 084
eMail	info@fmplastics.nl
- 1.4 Emergency telephone number  
Emergency Information (Benelux): Fire brigade/Hazardous Material +32 14 58 45 45

### SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture  
**Classification according to Regulation (EC) No. 1272/2008:** Not a hazardous substance or mixture.
- 2.2 Label elements  
**Labelling according to Regulation (EC) No. 1272/2008:** No labeling according to GHS required.
- 2.3 Other hazards  
No data available.

### SECTION 3: Composition/information on ingredients

- 3.1 Substances  
3.1.1 Chemical characteristics  
**CAS No.:** 9002-86-2  
**Polyvinyl chloride**
- 3.2 Mixtures  
not applicable

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General information:

**In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).**

After contact with the eyes:

**Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.**

After contact with the skin:

**No special measures required.**

After inhalation:

**Provide fresh air.**

After swallowing:

**No special measures required. In cases of sickness seek medical advice (show label if possible).**

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

**Any relevant information can be found in other parts of this section.**

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

**Further toxicology information in section 11 must be observed.**

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media:

**water spray , foam , extinguishing powder , carbon dioxide .**

Extinguishing media which must not be used for safety reasons: **not applicable**

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

**Hazardous combustion products: carbon monoxide and hydrogen chloride .**

#### 5.3 Advice for firefighters

Special protective equipment for fire fighting:

**Use respiratory protection independent of recirculated air.**

### SECTION 6: Accidental release measures

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

**No special measures required.**

#### 6.2 Environmental precautions

**No special measures required.**

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

**Damp down, absorb mechanically and dispose according to local/state/federal regulations.**

#### 6.4 Reference to other sections

**Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).**

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

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Precautions for safe handling:

**No special protective measures required. Ensure adequate ventilation.**

Precautions against fire and explosion:

**The product is classified in dust explosion class St1, Kst < 200 bar\*m/s. The possibility of a dust explosion need not be feared if the product is handled correctly.**

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

Conditions for storage rooms and vessels: **not applicable**

Advice for storage of incompatible materials:

**Do not store together with combustible substances.**

Further information for storage: **not applicable**

### 7.3 Specific end use(s)

**No data available.**

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

-

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

**Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat, drink or smoke when handling.**

Personal protection equipment:

Respiratory protection

**Recommendation in case of dust formation: Fine dust mask P1**

Eye protection

**Recommendation: protective goggles**

Hand protection

**not required**

Skin protection

**not required**

#### 8.2.2 Exposure to the environment limited and controlled

**Prevent material from entering surface waters and soil.**

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Property:	Value:	Method:
Appearance		
Physical state / form .....	: solid - powder	
Colour.....	: white	
Odour		
Odour.....	: odourless	
Odour limit		
Odour limit :	not applicable	

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pH-Value	
pH-Value .....	: not applicable
Melting point/freezing point	
Melting point / melting range .....	: not applicable
Initial boiling point and boiling range	
Boiling point / boiling range .....	: not applicable
Flash point	
Flash point .....	: not applicable
Evaporation rate	
Evaporation rate .....	: not applicable
Flammability (deposited dust)	
Auto-ignition temperature .....	: not determined
Upper/lower flammability or explosive limits	
Lower explosion limit (LEL) .....	: no data available
Upper explosion limit (UEL) .....	: no data available
Vapour pressure	
Vapour pressure .....	: not applicable
Solubility(ies)	
Water solubility / miscibility .....	: virtually insoluble
Vapour density	
Relative gas/vapour density .....	: No data known.
Relative Density	
Relative Density .....	: approx. 1,4 (23 °C) (Water / 4 °C = 1,00)
Density .....	: approx. 1,4 g/cm <sup>3</sup> (23 °C)
Partition coefficient: n-octanol/water	
Partition coefficient: n-octanol/water .....	: no data available
Auto-ignition temperature	
Auto-ignition temperature .....	: not applicable
Decomposition temperature	
Thermal decomposition .....	: 100 °C
Viscosity	
Viscosity (dynamic) .....	: not applicable
Molecular mass	
Molecular mass .....	: not applicable

### 9.2 Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid not applicable

10.5 Incompatible materials not applicable

10.6 Hazardous decomposition products  
 If stored and handled properly: none known.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### 11.1.1 Acute toxicity

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.2 Skin corrosion/irritation

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.3 Serious eye damage / eye irritation

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.4 Respiratory or skin sensitization

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.5 Germ cell mutagenicity

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.6 Carcinogenicity

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.7 Reproductive toxicity

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.8 Specific target organ toxicity (single exposure)

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.9 Specific target organ toxicity (repeated exposure)

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.10 Aspiration hazard

Assessment:

**For this endpoint no toxicological test data is available for the whole product.**

##### 11.1.11 Further toxicological information

**By handling the product for many years no damage to health was observed.**

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Assessment:

**For the product as a whole, no test data is available.**

#### 12.2 Persistence and

degradability Assessment:

**Insoluble in water. Biologically not degradable.**

#### 12.3 Bioaccumulative

potential Assessment:

**No adverse effects expected.**

#### 12.4 Mobility in soil

Assessment:

**Insoluble in water.**

#### 12.5 Results of PBT and vPvB assessment

**This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.**

#### 12.6 Other adverse

effects **none known**

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### 13.1.1 Material

**Recommendation:**

**Observe local/state/federal regulations.**

##### 13.1.2 Uncleaned packaging

**Recommendation:**

**Containers may be recycled or re-used. Observe local/state/federal regulations. Completely discharge containers (no tear drops, no powder rest, scraped carefully).**

##### 13.1.3 Waste Disposal Legislation Ref.No.(EC)

**It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.**

### SECTION 14: Transport information

14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

Road ADR:

Valuation ..... : Not regulated for transport

Railway RID:

Valuation ..... : Not regulated for transport

Transport by sea IMDG-Code:

Valuation ..... : Not regulated for transport

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Air transport ICAO-TI/IATA-DGR:  
Valuation

..... : **Not regulated for transport**

14.5 Environmental hazards

**Hazardous to the environment: no**

14.6 Special precautions for user

**Relevant information in other sections has to be considered.**

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

**Bulk transport in tankers is not intended.**

**SECTION 15: Regulatory information**

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

**National and local regulations must be observed.**

**For information on labelling please refer to section 2 of this document.**

Relevant regulations:

SI 2002/1689: CHIP Regulations 2002 SI

2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health & Safety at Work Regulations

1999 Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

**Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.**

15.2 Chemical safety assessment

**A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.**

15.3 Details of international registration status

**Relevant information about individual substance inventories, where available, is given below.**

South Korea (Republic of Korea) ..... : ECL (Existing Chemicals List):

**This product is listed in, or complies with, the substance inventory.**

Japan ..... : ENCS (Handbook of Existing and New Chemical Substances):

**This product is listed in, or complies with, the substance inventory.**

Australia ..... : AICS (Australian Inventory of Chemical Substances):

**This product is listed in, or complies with, the substance inventory.**

People's Republic of China ..... : IECSC (Inventory of Existing Chemical Substances in China):

**This product is listed in, or complies with, the substance inventory.**

Canada ..... : DSL (Domestic Substance List):

**This product is listed in, or complies with, the substance inventory.**

Philippines ..... : PICCS (Philippine Inventory of Chemicals and Chemical Substances):

**This product is listed in, or complies with, the substance inventory.**

United States of America (USA) ..... : TSCA (Toxic Substance Control Act Chemical Substance Inventory):

**This product is listed in, or complies with, the substance inventory.**

European Economic Area (EEA) ..... : REACH (Regulation (EC) No 1907/2006):

**General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.**

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### SECTION 16: Other information

#### 16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

#### 16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -