

**S20-L2-FRG-Hybr****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name : S20-L2-FRG-Hybr  
Registration number REACH : Not applicable (mixture)  
Product type REACH : Mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant identified uses**

Adhesive

**1.2.2 Uses advised against**

No uses advised against known

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

SOUDAL N.V.  
Everdongenlaan 18-20  
B-2300 Turnhout  
☎ +32 14 42 42 31  
☐ +32 14 42 65 14  
msds@soudal.com

**Manufacturer of the product**

SOUDAL N.V.  
Everdongenlaan 18-20  
B-2300 Turnhout  
☎ +32 14 42 42 31  
☐ +32 14 42 65 14  
msds@soudal.com

**1.4. Emergency telephone number**

24h/24h (Telephone advice: English, French, German, Dutch):  
+32 14 58 45 45 (BIG)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

**2.2. Label elements**

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

**2.3. Other hazards**

No other hazards known

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

**3.2. Mixtures**

This mixture does not contain any notifiable substances

**SECTION 4: First aid measures****4.1. Description of first aid measures****General:**

If you feel unwell, seek medical advice.

**After inhalation:**

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

**After skin contact:**

Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.

**After eye contact:**

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Rinse with water. Take victim to an ophthalmologist if irritation persists.

#### After ingestion:

Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

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

##### 4.2.1 Acute symptoms

###### After inhalation:

No effects known.

###### After skin contact:

No effects known.

###### After eye contact:

No effects known.

###### After ingestion:

Nausea. Vomiting.

##### 4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### 5.1.1 Suitable extinguishing media:

Water spray. Polyvalent foam. Carbon dioxide.

##### 5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

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

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of hydrogen chloride, nitrous vapours.

#### 5.3. Advice for firefighters

##### 5.3.1 Instructions:

No specific fire-fighting instructions required.

##### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

No naked flames.

##### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

##### 6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing.

###### Suitable protective clothing

See heading 8.2

#### 6.2. Environmental precautions

Contain leaking substance. Use appropriate containment to avoid environmental contamination.

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

Cover the solid spill with sand/kieselguhr. Scoop solid spill into closing containers. Clean contaminated surfaces with a soap solution. Wash clothing and equipment after handling.

#### 6.4. Reference to other sections

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

#### 7.1. Precautions for safe handling

Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

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

##### 7.2.1 Safe storage requirements:

Store in a dry area. Store at room temperature. Meet the legal requirements. Max. storage time: 1 year(s).

##### 7.2.2 Keep away from:

Heat sources, water/moisture.

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## 7.2.3 Suitable packaging material:

Synthetic material.

## 7.2.4 Non suitable packaging material:

No data available

## 7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

#### 8.1.2 Sampling methods

If applicable and available it will be listed below.

#### 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

#### 8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

#### 8.1.5 Control banding

If applicable and available it will be listed below.

### 8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

#### 8.2.1 Appropriate engineering controls

Keep away from naked flames/heat.

#### 8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

##### a) Respiratory protection:

Respiratory protection not required in normal conditions.

##### b) Hand protection:

Gloves.

##### c) Eye protection:

Eye protection not required in normal conditions.

##### d) Skin protection:

Protective clothing.

#### 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

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

Physical form	Paste
Odour	Mild odour
Odour threshold	No data available
Colour	Variable in colour, depending on the composition
Particle size	No data available
Explosion limits	No data available
Flammability	Not easily combustible
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	> 200 °C
Evaporation rate	No data available
Relative vapour density	No data available
Vapour pressure	No data available
Solubility	water ; insoluble organic solvents ; soluble
Relative density	1.4
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Explosive properties	No chemical group associated with explosive properties

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Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

## 9.2. Other information

Absolute density	1455 kg/m <sup>3</sup>
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Heating increases the fire hazard.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Keep away from naked flames/heat.

### 10.5. Incompatible materials

Water/moisture.

### 10.6. Hazardous decomposition products

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of hydrogen chloride, nitrous vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 11.1.1 Test results

#### Acute toxicity

##### S20-L2-FRG-Hybr

No (test)data on the mixture available

Judgement is based on the relevant ingredients

##### **Conclusion**

Not classified for acute toxicity

#### Corrosion/irritation

##### S20-L2-FRG-Hybr

No (test)data on the mixture available

Judgement is based on the relevant ingredients

##### **Conclusion**

Not classified as irritating to the skin

Not classified as irritating to the eyes

Not classified as irritating to the respiratory system

#### Respiratory or skin sensitisation

##### S20-L2-FRG-Hybr

No (test)data on the mixture available

Judgement is based on the relevant ingredients

##### **Conclusion**

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

#### Specific target organ toxicity

##### S20-L2-FRG-Hybr

No (test)data on the mixture available

Judgement is based on the relevant ingredients

##### **Conclusion**

Not classified for subchronic toxicity

#### Mutagenicity (in vitro)

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No (test)data on the mixture available

#### Mutagenicity (in vivo)

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No (test)data on the mixture available

## Carcinogenicity

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No (test)data on the mixture available

## Reproductive toxicity

### S20-L2-FRG-Hybr

No (test)data on the mixture available

Judgement is based on the relevant ingredients

### **Conclusion CMR**

Not classified for reprotoxic or developmental toxicity

Not classified for mutagenic or genotoxic toxicity

Not classified for carcinogenicity

## Toxicity other effects

### S20-L2-FRG-Hybr

No (test)data on the mixture available

## Chronic effects from short and long-term exposure

### S20-L2-FRG-Hybr

No effects known.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### S20-L2-FRG-Hybr

No (test)data on the mixture available

Judgement of the mixture is based on the relevant ingredients

#### **Conclusion**

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

### 12.2. Persistence and degradability

Biodegradability in water: no data available

### 12.3. Bioaccumulative potential

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#### **Log Kow**

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

#### **Conclusion**

No bioaccumulation data available

### 12.4. Mobility in soil

No (test)data on mobility of the components available

### 12.5. Results of PBT and vPvB assessment

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

### 12.6. Other adverse effects

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#### **Global warming potential (GWP)**

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014)

#### **Ozone-depleting potential (ODP)**

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1. Waste treatment methods

#### 13.1.1 Provisions relating to waste

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Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable. Can be considered as non-hazardous waste according to Regulation (EU) No 1357/2014.

## 13.1.2 Disposal methods

Dissolve or mix with a combustible solvent. Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery. Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment.

## 13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).  
15 01 02 (plastic packaging).

## SECTION 14: Transport information

### Road (ADR)

14.1. UN number

Transport	Not subject
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14.2. UN proper shipping name

14.3. Transport hazard class(es)

Hazard identification number	
Class	
Classification code	

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no
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14.6. Special precautions for user

Special provisions	
Limited quantities	

### Rail (RID)

14.1. UN number

Transport	Not subject
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14.2. UN proper shipping name

14.3. Transport hazard class(es)

Hazard identification number	
Class	
Classification code	

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no
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14.6. Special precautions for user

Special provisions	
Limited quantities	

### Inland waterways (ADN)

14.1. UN number

Transport	Not subject
-----------	-------------

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Class	
Classification code	

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no
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14.6. Special precautions for user

Special provisions	
Limited quantities	

### Sea (IMDG/IMSBC)

14.1. UN number

Transport	Not subject
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14.2. UN proper shipping name

14.3. Transport hazard class(es)

Class	
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## 14.4. Packing group

Packing group	
Labels	

## 14.5. Environmental hazards

Marine pollutant	-
Environmentally hazardous substance mark	no

## 14.6. Special precautions for user

Special provisions	
Limited quantities	

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

Annex II of MARPOL 73/78	Not applicable
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## Air (ICAO-TI/IATA-DGR)

### 14.1. UN number

Transport	Not subject
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### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

Class	
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### 14.4. Packing group

Packing group	
Labels	

### 14.5. Environmental hazards

Environmentally hazardous substance mark	no
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### 14.6. Special precautions for user

Special provisions	
Passenger and cargo transport: limited quantities: maximum net quantity per packaging	

## SECTION 15: Regulatory information

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

#### European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
< 2 %	
< 29.1 g/l	

#### National legislation The Netherlands

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Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 05
Waterbezwaarlijkheid	1

#### National legislation Germany

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WGK	1: Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
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#### National legislation France

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No data available

#### National legislation Belgium

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No data available

#### Other relevant data

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No data available

### 15.2. Chemical safety assessment

No chemical safety assessment is required.

## SECTION 16: Other information

(\*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption,

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storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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