

**Safety Data Sheet**according to REACH Regulation (EC) No 1907/2006 and updated  
Regulation (EC) No 2020/878**Sicoflex 469 HT WHITE**

Revision date: 31.07.2024

Product code: 469HT\_W

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

Manufacturing of plastic articles and goods including compounding and conversion, eventually recycling.

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

Company name: Ravago Distribution Center NV  
Street: Moerenstraat 85 A  
Place: B 2370 Arendonk  
Telephone: +32 (0) 14672511 Telefax: +32 (0) 14672012  
e-mail: sdsinfo@ravago.com  
Internet: www.ravago.com

**1.4. Emergency telephone number:**+32(0)14672511  
Only during office hours ( 8 am - 5 pm )**Further Information**

Type of use: Injection moulding. Blow moulding. Extrusion. Compression moulding.

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

Carc. 2; H351

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Additional advice on labelling**

For this product, a hazard label is not required according to section 1.3.4 of Annex I of the CLP regulation.

**2.3. Other hazards**The hazards of this product are mainly associated with its processing.  
See section 11 for more detailed information on health effects and symptoms.**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Thermoplastic polymer (ABS-FR)

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
1309-64-4	antimony trioxide			3-6 %
	215-175-0	051-005-00-X	01-2119475613-35	
	Carc. 2; H351			

Full text of H and EUH statements: see section 16.



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#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
1309-64-4	215-175-0	antimony trioxide	3-6 %
		oral: LD50 = > 34600 mg/kg	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

First aider: Pay attention to self-protection!  
Provide adequate ventilation.

#### After inhalation

Provide adequate ventilation.  
In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.  
Consult physician.

#### After contact with skin

The melted product can cause severe burns.  
Do not use force or solvents to remove product incrustations from affected skin areas.  
After contact with molten product, cool skin area rapidly with cold water.  
Consult physician.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### After ingestion

Consult physician.

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

No information available.

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

Burns caused by molten material must be treated clinically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water and Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. alcohol resistant foam. Sand.

#### Unsuitable extinguishing media

Full water jet

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

Carbon dioxide., Carbon monoxide, hydrocarbons. Nitrogen oxides (NO<sub>x</sub>). Bromine hydrogen (HBr). HF.  
Monomers

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

#### Additional information

No information available.

## SECTION 6: Accidental release measures

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

#### General advice

High slip hazard because of leaking or spilled product. (Granulate)

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**For non-emergency personnel**

No information available.

**For emergency responders**

No information available.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

No information available.

**For cleaning up**

Take up mechanically. Collect in closed and suitable containers for disposal.

**Other information**

Treat the recovered material as prescribed in the section on waste disposal. Do not empty into drains.

**6.4. Reference to other sections**

Personal protection equipment: see section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation.

**Advice on protection against fire and explosion**

Provide earthing of containers, equipment, pumps and ventilation facilities. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Dust should be exhausted directly at the point of origin. Dust can form an explosive mixture with air.

**Advice on general occupational hygiene**

When using do not eat, drink or smoke. Do not breathe dust.

**Further information on handling**

No information available.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store in a cool dry place. Store in a well-ventilated place.

**Hints on joint storage**

storage temperature: &lt; 40 °C

**Further information on storage conditions**

No information available.

**7.3. Specific end use(s)**

No information available.

**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
-	Antimony and compounds except stibine (as Sb)	-	0.5		TWA (8 h)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL



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#### Additional advice on limit values

For some additives used in this product exposure limits exist. However, they are incorporated in the product and under normal processing conditions no exposure is to be expected.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

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

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

Wear suitable gloves.

##### Skin protection

Only wear fitting, comfortable and clean protective clothing.

In case of increasing hazard add: heat-resistant synthetic fibres

##### Respiratory protection

Respiratory protection necessary at: In the case of the formation of dust (half-mask with filter (DIN EN 149).)

## SECTION 9: Physical and chemical properties

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

Physical state:	solid (Granulate)
Colour:	white
Odour:	odourless to mild
Melting point/freezing point:	105-130 °C
Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	No information available.
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not applicable
Decomposition temperature:	> 250 °C
pH-Value:	not applicable
Viscosity / kinematic:	not applicable
Water solubility:	insoluble
Partition coefficient n-octanol/water:	not applicable
Vapour pressure:	not applicable
Density:	1.18-1.24 g/cm <sup>3</sup>
Bulk density:	600 - 1000 kg/m <sup>3</sup>
Relative vapour density:	not applicable

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

In the case of the formation of dust : Dust explosive, Dust explosion category: ST 1

##### Self-ignition temperature

Solid:

No information available.

##### Oxidizing properties

not applicable

#### Other safety characteristics

#### Further Information

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No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

This material is considered to be non-reactive under normal use conditions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

Decomposition takes place from temperatures above: 250 °C

**10.5. Incompatible materials**

Oxidising agent, strong

**10.6. Hazardous decomposition products**Carbon dioxide., Carbon monoxide, hydrocarbons. Nitrogen oxides (NOx). Bromine hydrogen (HBr). HF.  
Monomers**Further information**

No information available.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1309-64-4	antimony trioxide				
	oral	LD50 > 34600 mg/kg	Rat	IUCLID	

**Irritation and corrosivity**

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

**Sensitising effects**

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

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

Suspected of causing cancer. (antimony trioxide)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: 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.

**Information on likely routes of exposure**

No information available.

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**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

No information available.

**Practical experience**

No information available.

**11.2. Information on other hazards****Endocrine disrupting properties**

No information available.

**Other information**

No information available.

**Further information**

When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.

**SECTION 12: Ecological information****12.1. Toxicity**

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

Insoluble in: Water.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
1309-64-4	antimony trioxide					
	Acute fish toxicity	LC50 mg/l	> 1000	96 h	Danio rerio	
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	

**12.2. Persistence and degradability**

According to experiences this product is inert and not degradable.

**12.3. Bioaccumulative potential**

Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.

**12.4. Mobility in soil**

No information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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**Disposal recommendations**

Material recycling possible. Consult the appropriate local waste disposal expert about waste disposal.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

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

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	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. Maritime transport in bulk according to IMO instruments**

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**

Restrictions on use (REACH, annex XVII):

Entry 75

2010/75/EU (VOC): 0%

2004/42/EC (VOC): 0%

**National regulatory information**

Water hazard class (D): - - non-hazardous to water

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:  
antimony trioxide

**SECTION 16: Other information**

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**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Carc. 2; H351	Calculation method

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

H351 Suspected of causing cancer.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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