

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Sicoflex 469 BLACK

Revision date: 10.05.2019

Product code: 469BLACK

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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

+32(0)14672511

number:

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

Hazard categories:
 Carcinogenicity: Carc. 2
 Hazard Statements:
 Suspected of causing cancer.

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)

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
1309-64-4	antimony trioxide			1-5 %
	215-175-0	051-005-00-X	01-2119475613-35	
	Carc. 2; H351			

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

SECTION 4: First aid measures

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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.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water. Foam. Carbon dioxide (CO₂). Extinguishing powder. alcohol resistant foam. Sand.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide. Carbon monoxide hydrocarbons. Nitrogen oxides (NO_x). Bromine hydrogen (HBr). HF

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

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

6.2. Environmental precautions

No special environmental protection measures are necessary.

6.3. Methods and material for containment and cleaning up

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

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

Provide adequate ventilation. Equipment with built-in suction provisions.

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

Keep in a cool place.
Provide adequate ventilation.

Advice on storage compatibility

storage stability:
storage temperature: < 40 °C unlimited durability.
No special precautionary measures are necessary.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
-	Antimony and compounds except stibine (as Sb)	-	0.5		TWA (8 h)	WEL
1333-86-4	Carbon black	-	-		STEL (15 min)	WEL
		-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

Provide adequate ventilation. Equipment with built-in suction provisions.
When using do not eat, drink or smoke. Do not breathe dust.

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: black
Odour: odourless

Test method

Changes in the physical state

Melting point: 110-135 °C
Flash point: not applicable

Explosive properties

In the case of the formation of dust. Dust explosive.

Oxidizing properties

not applicable

Vapour pressure: not applicable
Density: 1.18-1.24 g/cm³
Water solubility: insoluble

9.2. Other information

point of decomposition >240 °C
Package density: 600 -1000 kg/m³

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SECTION 10: Stability and reactivity**10.6. Hazardous decomposition products**

Carbon dioxide. Carbon monoxide hydrocarbons.

Further information

No risks worthy of mention.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

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

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**

Insoluble in: Water.

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
1309-64-4	antimony trioxide					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Danio rerio		
	Acute algae toxicity	ErC50 67 mg/l	72 h	Selenastrum parvicornutum		
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna		

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Material recycling possible.

Refer to manufacturer or supplier for information on recovery or recycling.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

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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)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Marine transport (IMDG)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Air transport (ICAO-TI/IATA-DGR)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**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****National regulatory information**

Water contaminating class (D): - - not water contaminating

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H351 Suspected of causing cancer.

Further Information

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

Disclaimer:

This safety datasheet should be used in conjunction with technical datasheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility. Furthermore, this safety datasheet is made up based on the legal requirements as set by EC 1272/2008 based on information as is available per July 2017 (date of entry into force). That information that is not yet filled in depends on the input we receive from our suppliers following the time scale as foreseen by EC 1272/2008 and depends solely on the registration of the concerned substances.

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