



## Safety Data Sheet

according to REACH Regulation (EC) No 1907/2006 and updated  
Regulation (EC) No 2020/878

### MAFILL CR C x049

Revision date: 09.05.2023

Product code: CRCx049

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

### 1.1. Product identifier

MAFILL CR C x049

#### Further trade names

x = 0 - 9 ( MFI range code )

### 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 )

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

### 2.2. Label elements

### 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 - Recycled material (PP)

#### Hazardous components

none (according to UK REACH Regulation)

## 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.



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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**

No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.  
Do NOT induce vomiting.  
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. Sand.

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

Carbon dioxide. Carbon monoxide hydrocarbons.

#### **5.3. Advice for firefighters**

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

#### **Additional information**

In case of fire and/or explosion do not breathe fumes.

### **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)

#### **6.2. Environmental precautions**

Clean contaminated articles and floor according to the environmental legislation.

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

##### **Other information**

Take up mechanically. 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.

Provide earthing of containers, equipment, pumps and ventilation facilities.

##### **Advice on protection against fire and explosion**

Avoid sources of ignition : heat, sparks, open fire.

##### **Advice on general occupational hygiene**

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



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#### Further information on handling

Avoid formation of dust. Dust can generate an explosive mixture with air. Foresee adequate extraction. When grinding, take into account measures to avoid dust explosion.

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

##### Requirements for storage rooms and vessels

Keep in a cool place. Provide adequate ventilation.

##### Hints on joint storage

storage temperature: < 40 °C

#### 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
1333-86-4	Carbon black	-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1333-86-4	Carbon black			
	Consumer DNEL, long-term	inhalation	systemic	0,06 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	systemic	1 mg/m <sup>3</sup>

##### PNEC values

CAS No	Substance	Value
	Environmental compartment	
1333-86-4	Carbon black	
	Freshwater	50 mg/l

#### 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.

##### 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.



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#### 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:	various
Odour:	odourless to mild
Melting point/freezing point:	140 - 150 °C
Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	No information available.
Flash point:	not applicable
Auto-ignition temperature:	No information available.
Decomposition temperature:	> 300 °C
pH-Value:	not applicable
Viscosity / kinematic:	No information available.
Water solubility:	insoluble
Partition coefficient n-octanol/water:	not applicable
Vapour pressure:	not applicable
Density:	0,8 - 0,9 g/cm <sup>3</sup>
Bulk density:	600 - 1000 kg/m <sup>3</sup>

### 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

Viscosity / dynamic: No information available.

#### Further Information

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 chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

Temperatures above thermal decomposition.

### 10.5. Incompatible materials

Not known.

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide hydrocarbons.



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**Further information**

No risks worthy of mention.

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

No information available.

**11.2. Information on other hazards****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.

**12.2. Persistence and degradability**

Experience so far shows this product to be inert and not degradable.

**12.3. Bioaccumulative potential**

Not expected to bioaccumulate.

**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.

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

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

Dispose of waste in own country; otherwise, follow EC regulations. Remove according to the regulations.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID 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)****14.2. UN proper shipping name:**

Not a hazardous material with respect to transportation regulations.  
none

**14.3. Transport hazard class(es):****Marine transport (IMDG)****14.2. UN proper shipping name:**

Not a hazardous material with respect to transportation regulations.



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**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. 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

2010/75/EU (VOC): 0%

2004/42/EC (VOC): 0%

#### National regulatory information

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### 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.

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.)*