



Safety Data Sheet

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

MAFILL CR X x046

Revision date: 02.06.2023

Product code: CRXx046

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

1.1. Product identifier

MAFILL CR X x046

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 number:

+32(0)14672511
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 (industrial quality, 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.

4.3. 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 (CO₂). 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.

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

Provide adequate ventilation.

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

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



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Requirements for storage rooms and vessels

Keep in a cool place. Provide adequate ventilation.

Hints on joint storage

storage temperature: < 40 °C unlimited durability.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

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

5mg/m³ In the case of hazardous fumes, wear self-contained breathing apparatus. Wear face-shield and protective suit for abnormal processing problems. Handle in accordance with good industrial hygiene and safety practices. Provide for appropriate exhaust ventilation at machinery.

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.

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:	off-white	
Odour:	odourless to mild	
Melting point/freezing point:		150 - 160 °C
Flash point:		not applicable
Water solubility:		insoluble
Density:		0,8 - 0,9 g/cm ³

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

Oxidizing properties

not applicable

Other safety characteristics

Further Information

point of decomposition

> 300 °C



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Package density:

600 - 1000 kg/m³

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

Oxidising agent, strong

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 hazard classes as defined in GB CLP Regulation

Acute toxicity

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

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

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.

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.

Aspiration hazard

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

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.



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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 data 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 data 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)

14.2. UN proper shipping name:

Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es):

none

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

SECTION 15: Regulatory information

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

National regulatory information

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

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



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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.)