

Safety Data Sheet

according to Regulation (EC) No 1907/2006

RAVAMID B GFxx BLACK

Revision date: 12.04.2019

Product code: BGFxxBK

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

RAVAMID B GFxx BLACK

Further trade names

x=% Filler

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**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

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 (PA)

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
65997-17-3	Glass fiber, not respirable			10-50 %
	266-046-0			

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

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

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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

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

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

Water. Foam. Carbon dioxide (CO₂). Extinguishing powder. Sand.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide. Carbon monoxide hydrocarbons. Nitrogen oxides (NO_x).

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
1333-86-4	Carbon black	-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	WEL

8.2. Exposure controls**Appropriate engineering controls**5mg/m³ (breathable dust) is the recommended limit value.**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.

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: 215-235 °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: 1,25-1,50 g/cm³

Water solubility: insoluble

9.2. Other information

point of decomposition > 270 °C

Package density: 600 -800 kg/m³**SECTION 10: Stability and reactivity**

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10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide hydrocarbons. Nitrogen oxides (NOx).

Further information

No risks worthy of mention.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

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

Insoluble in: Water.

Ecotoxicological effects:: none

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

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.

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

Material recycling possible.

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

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SECTION 16: Other information**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.

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.)