



## Safety Data Sheet

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

### RAVAPURA HDPE COLOR

Revision date: 16.07.2024

Product code: RP\_HDPE\_COL

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

### 1.1. Product identifier

RAVAPURA HDPE COLOR

#### Further trade names

RAVAPURA Hxx  
RAVAPURA HDxx

xx= % Post-Consumer Recycled

### 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

No information available.

## 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.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Thermoplastic polymer (HDPE) - Post-Consumer Recycled

#### Hazardous components

none (according to UK REACH Regulation)

#### Further Information

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

## 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.

#### 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.

##### Unsuitable extinguishing media

Full water jet

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

Carbon dioxide. Carbon monoxide hydrocarbons. Monomers

#### 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)

##### For non-emergency personnel

No information available.

##### For emergency responders

No information available.

#### 6.2. Environmental precautions

Clean contaminated articles and floor according to the environmental legislation.  
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.



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#### 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**

Keep in a cool place. Provide adequate ventilation.

##### **Hints on joint storage**

storage temperature: < 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
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**

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

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



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#### 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:	various	
Odour:	odourless to mild	
Melting point/freezing point:		125-140 °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:	No information available.	
Decomposition temperature:		> 350 °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:		0,95 - 1,00 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

Evaporation rate: not applicable

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



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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. Monomers

#### **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.

##### **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.

##### **Aspiration hazard**

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

##### **Information on likely routes of exposure**

No information available.

##### **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



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end-use.

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on available data, the classification criteria are not met.  
Insoluble in: Water.

### 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

#### **Disposal recommendations**

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

## 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)**

#### 14.1. 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.

### **Marine transport (IMDG)**

#### 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.

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

#### 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.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No



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#### **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**

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

#### **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.

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