



Safety Data Sheet

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

VERPLEN Cxx 01-50 NE UV

Revision date: 26.01.2025

Product code: Cxx01-50_NE_UV

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

1.1. Product identifier

VERPLEN Cxx 01-50 NE UV

Further trade names

xx = filler % range code

This safety data sheet is valid for the following products:

VERPLEN Cxx 01-50 NE ACLUV

VERPLEN Cxx 01-50 NE ACLKUV

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

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 (PP homo+GF)

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.



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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 (CO₂). Extinguishing powder. Sand.

Unsuitable extinguishing media

No information available.

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)

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.

6.3. Methods and material for containment and cleaning up

For containment

No information available.

For cleaning up

No information available.



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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.

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 ³	fibres/ml	Category	Origin
1333-86-4	Carbon black	-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	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 ³
Worker DNEL, long-term		inhalation	systemic	1 mg/m ³



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PNEC values

CAS No	Substance	Value
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 as well as local exhaust at critical locations.

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:	black
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.
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
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:	0,9 - 1,25 g/cm ³
Bulk density:	600 - 1000 kg/m ³
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



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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 substance 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

No information available.

10.6. Hazardous decomposition products

Carbon dioxide., Carbon monoxide, hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

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

ATEmix calculated

ATE (inhalation vapour) 166.67 mg/l; ATE (inhalation dust/mist) 16.667 mg/l

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.



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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 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

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.

Further information

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)



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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.
14.4. Packing group:	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.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Not a hazardous material with respect to transportation regulations.

14.7. Maritime transport in bulk according to IMO instruments

Not a hazardous material with respect to transportation regulations.

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

For the following substances of this mixture a chemical safety assessment has been 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.



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