

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 15.12.2014

Version number 1

Revision: 15.12.2014

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

- **1.1 Product identifier**
 - **Trade name: Unic Film**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

 - **Application of the substance / the mixture**

Inner liner of hoses for transport of chemicals and comestibles and outer liner of high pressure- and hydraulic hoses
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**

CPS GmbH
Meisenstrasse 3
D-83101 Rohrdorf
Germany
Tel.: +49 (0)8031 901173 - 0
Fax: +49 (0)8031 901173 - 330
info@cps-gmbh.net
www.cps-gmbh.net
 - **Informing department:**

CPS GmbH
Heisenbergstr. 1
D-48691 Vreden
Tel. +49 (0) 2564 - 9337 0
Fax: +49 (0) 2564 - 9337 24
- **1.4 Emergency telephone number:**

phone +49 (0)8031 901173 - 0
(Office hours 9.00 - 17.00)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Void
 - **Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 - **Classification system:**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
 - **Additional information:**

For this product (substance/mixture/article) there is not obligatory requirement to prepare a safety data sheet according article 31 of the regulation (EC) 1907/2006. This information sheet gives relevant details according article 32 of the mentioned regulation.
All raw materials are firmly embedded in the product and not available.
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.

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Trade name: Unic Film· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description:

Polymer product

Basis polyethylene with fillers, dyes and auxiliary materials.

· Dangerous components:

CAS: 1333-86-4 EINECS: 215-609-9 Reg.nr.: 01-2119384822-32-X	Carbon black substance with a Community workplace exposure limit	3-<10%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-X	titanium dioxide substance with a Community workplace exposure limit	≤ 1.0%

· Non-dangerous components

CAS: 9002-88-4 Polymer	Polyethylene	50 - 100%
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SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information** No special measures required.

· **After inhalation** Supply fresh air; consult doctor in case of symptoms.

· After skin contact

The product is not skin irritating.

If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see physician for removal of adhering material and treatment of burn.

· After eye contact

Due to consistence and application method of the product an eye contact is not expected at normal cases.

Do not rub eyes dry, the mechanical stress can cause additional cornea damages.

Rinse opened eye for several minutes under running water.

· After swallowing

Swallowing is not considered to be a possible way of exposure.

No special measures required.

· 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet.

· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

· 5.2 Special hazards arising from the substance or mixture

During incomplete combustion carbon monoxide can be formed.

Inhalation of combustion gases may cause serious health hazards.

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- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Extractors are required on all machines used for thermal processing.
- **Information about protection against explosions and fires:**
Store it away from ignition sources or open fire.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
 - **Requirements to be met by storerooms and containers:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** Protect from direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
WEL: workplace exposure limit

1333-86-4 Carbon black

WEL (Great Britain)	Short-term value: 7 mg/m ³ Long-term value: 3.5 mg/m ³
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13463-67-7 titanium dioxide

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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- **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment**
 - **General protective and hygienic measures**
Wash hands during breaks and at the end of the work.
 - **Breathing equipment:** Not required.
 - **Protection of hands:** Not required.
 - **Material of gloves** Not applicable.
 - **Penetration time of glove material** Not applicable.
 - **Eye protection:** When handling molten material, goggles and/or face shield should be worn.

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

- **Form:** Foil
- **Colour:** Different according to colour
black, white, transparent, coloured

· **Odour:** odourless

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· Change in condition

- **Melting point/Melting range:** > 100 °C
- **Boiling point/Boiling range:** Not determined

· **Flash point:** Not applicable

· **Inflammability (solid, gaseous)** Not determined.

· Ignition temperature:

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Vapour pressure:** Not applicable.

- **Density at 20 °C** 0.93 - 1.00 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.

· Solubility in / Miscibility with

· **Water:** Insoluble

· **Partition coefficient (n-octanol/water):** Not determined.

· Solvent content:

· **Organic solvents:** 0.0 %

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· 10.6 Hazardous decomposition products:

None in case of intended use and storage in compliance with instructions.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

9002-88-4 Polyethylene

Oral	LD50	> 2000 mg/kg (rat)
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Primary irritant effect:

- **on the skin:** No irritant effect.

- **on the eye:** No irritant effect.

- **Sensitisation:** No sensitizing effect known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

12.1 Toxicity

- **Aquatic toxicity:** No further relevant information available.

12.2 Persistence and degradability

- **Heavily biodegradable**

- **Other information:** There are no data available about the preparation.

12.3 Bioaccumulative potential

- **No further relevant information available.**

12.4 Mobility in soil

- **No further relevant information available.**

Additional ecological information:

General notes:

- Generally not hazardous for water.

- Due to the consistence of the product a disperse distribution into the environment is not possible.

12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

12.6 Other adverse effects

- **No further relevant information available.**

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

The waste code numbers mentioned are recommendations based on the probable use of the product.

European waste catalogue

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
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07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
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07 02 13	waste plastic
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Uncleaned packagings:

Recommendation:

- Dispose of packaging according to regulations on the disposal of packagings.

- Non contaminated packagings can be reused.

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Non contaminated packagings can be used for recycling.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG · Class	Void
· IATA · Class	Void Not Restricted.
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - **Labelling according to Regulation (EC) No 1272/2008** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
 - **National regulations**
 - **Water hazard class:** Generally not hazardous for water.
 - **Substances of very high concern (SVHC) according to REACH, Article 57**
- None of the ingredients is contained.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:**

This Material Safety Data Sheet has been drawn up in cooperation with:
DEKRA Consulting GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
tel.: (+49) 511 42079 311, reach@dekra.com.

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· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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