

## Safety data sheet

according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) No. 453/2010)

**Created:** 14.08.2015  
**Revision date:** 31.07.2019  
**Valid from:** 14.08.2015  
**Version:** 2

### 1. Identification of the substance / mixture and of the company / undertaking

#### 1.1 Product identifier

Substance name: polypropylene film, polyethylene film  
CAS-No.: 9003-07-0; 9010-79-1  
Our films are partially coloured, but without addition of lead, cadmium or diaryl pigments.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of mixture: Office- and packaging film and technical films  
Do not use our film for high thermic usage above 120°C.

#### 1.3 Details of the supplier of the safety data sheet

Company: **Profol GmbH**  
Address: Profolstr. 1-10  
83128 Halfing, Deutschland

Company: **Profol Greiz GmbH**  
Address: Geraer Str. 3  
07973 Greiz-Gommla, Deutschland

Company: **Profol Harbke GmbH**  
Address: Am Glüsig 2  
39365 Harbke, Deutschland

Company: **Profol Czech s.r.o.**  
Address: Most – Čepirohy 115  
43561 Most – Čepirohy / Tschechische Republik

#### Contact for technical information / Telephone / Fax / E-Mail / Internet

Tel.: +49 (0) 8055 / 181 – 0 info@profol.de  
Fax: +49 (0) 8055 / 798 www.profol.com

#### 1.4 Emergency telephone

Tel.: +49 (0) 8055 / 181 – 0 from 8:00 a.m. to 4:30 p.m.

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:  
- Not a hazardous substance or mixture according to (EC) No. 1272/2008.

Classification according to EU directives 67/548/EEC or Regulation 1999/45/EC (substances or mixtures):  
- Not a hazardous substance or mixture according to 67/548/EEC or 1999/45/EC.

#### 2.2 Identification elements

Labelling Regulation (EC) No. 1272/2008 (substances) / Regulation 1999/45/EC (mixtures)  
- Not a hazardous substance or mixture according to (EC) No. 1272/2008.

#### 2.3 Other hazards

The material/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

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## 3. Composition / information on ingredients

### 3.1 Substances

### 3.2 Compound

Main substance: polypropylene, polyethylene

CAS-No.: 900307-0; 9010-79-1

Impurities, stabilizing additives (such as chalk (471-34-1), talc (14807-96-6) and titanium dioxide (13463-67-7)) and individual components.

Contains: Various colours and/or additives

## 4. First aid measures

### 4.1 Description of first aid measures

General advice: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid.

**If inhaled:** In case of excessive inhalation of fumes that may be generated during heating of this material, move the person to fresh air. Obtain medical attention. Keep person warm, if necessary give Cardio-Pulmonary Resuscitation.

**In case of skin contact (with molten polymer):** Cool the wound for view minutes with plenty of water. Do not try to peel polymer from skin. Obtain medical attention.

**In case of eye contact:** not applicable

**If swallowed:** Health effects are not anticipated.

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

Molten polymer may cause thermal burns.

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

Control of symptoms and the clinical condition of the patient.

## 5. Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: Dry chemicals, CO<sup>2</sup> and water spray

Large fire: Use water spray hose nozzles from a safe location.

Unsuitable extinguishing media: None known

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

Keep away from heat and sources of ignition.

In case of fire may be produced decomposition products like: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3 Advice for firefighting

Wear approved positive pressure self-contained breathing apparatus and protecting clothes.

Heat from fire may melt or decompose the polymer and may generate flammable vapours.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

A Person with an allergically reaction does need protection against it.

### 6.2 Environmental precautions

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### 6.3 Methods and materials for containment and cleaning

The substance is insoluble. Collect in separated containers.

All materials should be packed, labelled, transported, disposed and recycled in conformance with applicable laws and regulations.

### 6.4 Reference on other chapters

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## 7. Handling and storage

### 7.1 Precautions for safety handling

Use lifting device for safe handling.

#### Measures to protect against fire and explosions

Polymer burns, but is not easily inflammable.

#### Measures against dust and aerosols

Upon heating the material to processing temperature vapours (hydrocarbons) may be developed, which may condense in ventilation.

#### Advice for environmental safety

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#### Hygienically advice

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### 7.2 Conditions for safety storage, including any incompatibilities

Store in dry location. Optimum temperature is between 20°C and 25°C.

#### Requirements for storage areas and containers

Keep protected against heat and oxidants. UV light and temperatures less than 0°C have worse effects on the film quality.

### 7.3 Specific use

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## 8. Exposure controls / personal protection

### 8.1 Parameters to control

None

### 8.2 Exposure controls

None

#### 8.2.1 Engineering measures

None

#### 8.2.2 Personal protective equipment

##### Eye and face protection

Can be worn to prevent mechanical injury.

##### Skin protection

Gloves: On contact with heated material, work gloves must be worn.

##### Other skin protection

Wash your hands before eating, drinking, smoking or using toilet facilities.

##### Respiratory protection

Local exhaust ventilation to take off possibly resulting vapours that may be generated during heating of this material.

#### 8.2.3 Environmental exposure controls

See chapter 6

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance: coloured or transparent polyolefin film in the form of rolls

Colour: transparent to coloured

Odour: neutral, waxy

Melting point/freezing point: >130°C / <0°C

Flammability (solid, gas): Polymer burns, but is not easily flammable

Upper/lower explosion limit: >300°C

Density: 0,9 - 1,2 g/cm<sup>3</sup>

Water solubility: not soluble in water

Decomposing temperature: >300°C

### 9.2 Other information

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## 10. Stability and reactivity

### 10.1 Reactivity

No known reactivity hazards

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

Will not occur

### 10.4 Conditions to avoid

Avoid contact with strong oxidizers, high temperatures, sparks or open fire.

### 10.5 Incompatible materials

Material may be softened by some hydrocarbons.

### 10.6 Hazardous decomposition products

No decomposition under normal conditions.

Decomposition products may be: Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols

## 11. Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity:** not classified

**Acute dermal toxicity:** not a skin irritant

**Serious eye damage/eye irritation:** not an eye irritant. Mechanical irritation is possible.

**Respiratory or skin sensitization:** not classified

**Germ cell mutagenicity:** not classified

**Carcinogenicity:** not classified

**Reproductive toxicity:** not classified

**Target organ systemic toxicant – single exposure:** not classified as specific target organ toxicant, single exposure

**Target organ systemic toxicant – repeated exposure:** not classified as specific target organ toxicant, repeated exposure

**Aspiration hazard:** not applicable

## 12. Ecological information

### 12.1 Toxicity

Not classified

### 12.2 Persistence and degradability

Not expected to be biodegradable.

### 12.3 Bioaccumulative potential

Material is not expected to bioaccumulate.

### 12.4 Mobility in soil

Material is not volatile and insoluble in water.

### 12.5 Results of PBT and vPvB assessment

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

### 12.6 Other adverse effects

Eco toxicity is expected to be minimal based on the low water solubility of polymers.

No data available on this product with respect to environmental information.

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## 13. Disposal considerations

### 13.1 Waste treatment methods

All recovered material should be packaged, labelled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible. Recycle if possible.

## 14. Transport information

Not regulated for transport

## 15. Regulatory information

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

#### EU regulations

We confirm that the substances, which act as raw materials in the film production, have been pre-registered or registered under REACH (Regulation (EC) No. 1907/2006).

### 15.2 Chemical safety assessment

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## 16. Other information

### Changes since the last version

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#### Disclaimer

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