Safety data sheet

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) No. 2025/1988)

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Version: 5

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

1.1 Product identifier

Substance name: polypropylene film
CAS-No.: 9003-07-0; 9010-79-1
Our films are partially coloured, printed, lacquered or primed and contain both virgin and partially recycled polypropylene.

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

Use of mixture: Office-, furniture, flooring-, packaging- 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**
Adress: Profolstr. 1-10
83128 Halfing, Deutschland

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

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

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

Company **Profol Ahrensburg GmbH**
Adress: Kornkamp 2
22926 Ahrensburg, Deutschland

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.

2.2 Identification elements

Labelling Regulation (EC) No. 1272/2008 (substances and 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).

3. Composition / information on igredients

This product is an article (item, product) according to the international chemical regulations.

Chemical characterisation

Main substance: polypropylene, polyethylene

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

virgin or recycled

with stabilizing additives (such as chalk (471-34-1), talc (14807-96-6) and titanium dioxide (13463-67-7), antioxidants)

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^2 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 save 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/cm³
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.

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
Safety data sheet according to Regulation (EC) No. 1907/2006
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