Information Sheet

This sheet is not to be considered a safety data sheet for the purposes of Article 31 of Regulation (EC) no. 1907/2006 (REACH).

SECTION 1. Identification of the article and of the company/undertaking

1.1. Product identifier

Code:	**-**
Product name	**FILM IN POLIETILENE**

1.2. Relevant identified uses of the article and uses advised against

Intended use	**Film, tubular, bag and valve bag for flexible packaging - Industrial use**
Uses advised against	Uses other than those stated.

1.3. Details of the supplier of the Information Sheet

Name	**SELENE S.P.A.**
Full address	**Via per Vicopelago, 257**
District and Country	**55057 LUCCA** **ITALY**
	Tel.: + 39 0583 371198
	Fax: + 39 0583 371137/8
e-mail address of the competent person responsible for the information sheet	**SELENE@SELENE-SPA.IT**

1.4. Emergency telephone number

Company emergency telephone number: +39 0583/37111 Technical support only - Monday to Friday from 9.00-13.00; 14.00-17.00)

SECTION 2. Hazards identification

2.1. Classification of the article

The product is considered an "article" according to art. 3 of the Regulation (CE) n. 1907/2006 (REACH) and therefore is not subject to:

- ✓ supply of a safety data sheet (article 31 REACH Reg.) and
- ✓ classification according to Regulation 1272/2008 (CLP).

The information contained in this document accompanying the product is provided as a precaution and refers to the substances contained in the article itself.

2.2. Label elements

The product is considered an "article" according to Article 3 of Regulation (CE) n. 1907/2006 (REACH) and does not have to be labelled according to Regulation (CE) 1272/2008 (CLP) and subsequent amendments and adjustments.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.
The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

The final article is polyethylene film obtained through various production processes.

SECTION 4. First aid measures

4.1. Description of first aid measures

Not specifically necessary. Observance of good industrial hygiene is recommended.

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

No significant risks are expected under normal conditions of use.
Vapours, fumes and dust may be formed during processing, which may irritate the respiratory tract, eyes and skin.
Contact with molten material could cause burns.
Improper use of the article could lead to danger of suffocation and ingestion.

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

Treat symptomatically.
In the event of an accident or discomfort, consult a doctor immediately

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT
The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
UNSUITABLE EXTINGUISHING EQUIPMENT
None in particular.

5.2. Special hazards arising from the article

During material processing, combustible dust may be formed in the air. Minimise the generation and accumulation of dust.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
At high temperatures the product burns but is not considered flammable. In the event of fire, the product will burn easily and release an irritating smoke. Avoid breathing in the products of combustion.

5.3. Advice for firefighters

GENERAL INFORMATION
The product is non-flammable but promotes combustion. Stay upwind. Do not allow unauthorised personnel access. Move containers from the fire area if this can be done without risk. Extinguish the flames by keeping a maximum distance or use automatic fire extinguishing media or nozzles. Apply extinguishing media carefully to avoid creating suspended dust. Water can be used to rinse the area.
Use water sprays to cool surfaces exposed to the fire and protect personnel. Avoid inhalation of smoke and combustion products. Avoid penetration of runoff from extinguishing systems or dilution into watercourses, sewage systems or drinking water supplies.
Wear normal fire-fighting clothing.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.
In the case of airborne dust, use respiratory protection. Wear appropriate protective equipment to prevent contamination of skin, eyes and personal clothing.
These indications are valid for both workers and emergency workers.

6.2. Environmental precautions

Prevent product residues from entering sewers, surface water or groundwater.

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product after consulting all other sections of this information sheet. Avoid dispersing the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.
During processing/processing, avoid inhalation of fumes, vapours and/or dust. Keep away from uncontrolled heat sources and incompatible materials. Ground all material used for handling and transfer.
If dust is generated when handling the product, use adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store the product away from heat sources and any incompatible materials, see section 10.
Protect from sunlight, in well ventilated and not excessively hot places. When storing the product inside bags placed outside, use UV-stabilised bags or alternative means that provide protection from the sun's ultraviolet rays. Do not enter containers filled with loose material and do not try to walk on the product, due to the risk of slipping and/or suffocation.

7.3. Specific end use(s)

No use other than as indicated in section 1.2 of this information sheet.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

It is recommended to consider in the risk assessment process the professional exposure limit values established by the ACGIH 2024 for inert dust not otherwise classified (PNOC respirable fraction: 3 mg/mc; PNOC inhalable fraction: 10 mg/mc). If these limits are exceeded, we recommend using a P-type filter whose class (1, 2 or 3) must be chosen based on the outcome of the risk assessment.

8.2. Exposure controls

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local extraction.
Personal protective equipment must bear the CE marking which certifies their compliance with current regulations.

HAND PROTECTION
We recommend protecting your hands with work gloves.
In the case of molten material, wear heat-resistant gloves.
For the final choice of work glove material, the process of use of the product and any further products resulting from it must also be considered. It should also be noted that latex gloves can give rise to sensitisation.

SKIN PROTECTION
Personal body equipment must be selected according to the task performed and the risk involved before handling this product. In general, wear work clothes with long sleeves. To avoid slipping, safety footwear with good grip should be worn. Compliant footwear capable of dissipating static electricity should also be worn. Wash with soap and water after removing protective clothing.

EYE PROTECTION
We recommend wearing tightly fitting protective goggles (ref. standard EN ISO 16321).
Wear a protective mask when using the molten material.

RESPIRATORY PROTECTION
Not necessary, unless otherwise indicated in the chemical risk assessment.
In case of development of dust it is recommended to wear a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 14387).

ENVIRONMENTAL EXPOSURE CONTROLS
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	Solid (Tubular, film, bags of various thicknesses)	
Colour	Various	
Odour	Odourless	
Melting point / freezing point	119 °C	
Initial boiling point	Not applicable on the basis of physical state	
Flammability	Not available	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	263 °C	
Auto-ignition temperature	374 °C	
Decomposition temperature	Not available	
pH	Not available	
Kinematic viscosity	Not applicable on the basis of physical state	
Solubility	Not available	
Partition coefficient: n-octanol/water	Not available	
Vapour pressure	Not applicable on the basis of physical state	
Density and/or relative density	1,05 g/ml	
Relative vapour density	Not applicable on the basis of physical state	
Particle characteristics	Not available	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The material is stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

Avoid ignition sources, exposure to heat and contact with strong oxidants. Avoid processing the material at temperatures above 300°C.

10.5. Incompatible materials

Strong oxidising agents. Organic solvents, ether, petrol, lubricating oils, chlorohydrocarbons and aromatic hydrocarbons may react with and degrade polyethylene.

10.6. Hazardous decomposition products

During decomposition, polyethylene may emit various oligomers, waxes and oxygenated hydrocarbons, as well as carbon dioxide, carbon monoxide and small quantities of other organic vapours.
Gases and vapours potentially harmful to health may be released by thermal decomposition or in the event of fire.

SECTION 11. Toxicological information

There are no known incidents of damage to health due to exposure to the product. In any case, it is recommended to work in accordance with the rules of good industrial hygiene.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

SKIN CORROSION / IRRITATION

Dust and/or particles formed during processing may cause mechanical irritation.
Molten material may cause burns.

SERIOUS EYE DAMAGE / IRRITATION

Dust and/or particles formed during processing may cause mechanical irritation and possible eye injury.
Molten material may cause burns.

INHALATION

Dust and/or particles formed during processing may cause respiratory tract irritation.
Fumes or vapours irritating to the respiratory tract may be formed during thermal processing.

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity
Information not available

12.2. Persistence and degradability
Information not available

12.3. Bioaccumulative potential
Information not available

12.4. Mobility in soil
Information not available

12.5. Results of PBT and vPvB assessmen
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties
Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects
Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse if possible. Product residues as such are to be considered special waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Solid residues may be suitable for disposal in an authorised landfill site.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number
not applicable

14.2. UN proper shipping name
not applicable

14.3. Transport hazard class(es)
not applicable

14.4. Packing group
not applicable

14.5. Environmental hazards
not applicable

14.6. Special precautions for user
not applicable

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the article

Seveso Category - Directive 2012/18/EU: None

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

Not applicable.

SECTION 16. Other information

LEGEND:
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds

- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY
1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
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8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
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15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
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18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
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25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

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This version of the SIS supersedes all previous versions.

Changes from previous revision
Changes have been made to the following sections:
01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.