

PETG SHRINK SLEEVE FILM

Date of SDS : 20.09.2023
Revision no. : 0

Date of revision : -
SDS Number : GBF - 4654

1- IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

1.1- Product Identifier:

Product Name PETG SHRINK SLEEVE FILM
UFI Code No data available
Nanoform The product does not contain nanoparticles.

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

Identified uses Home care product labels/packaging,
Cleaning product labels/packaging,
Cosmetic product labels/packaging,
Beverage labels/packaging,
Pharmaceutical labels/packaging,
Food supplement/packaging.
Used advised against Specific non-recommended uses have not been identified.

1.3- Details of the supplier of the safety data sheet:

Company Plasmag Plastik Film Ambalaj San. ve Tic. A.Ş.
Address Gazi Osman Paşa OSB Mah. 2. Cad. No: 14/A Çerkezköy/Tekirdağ
Tel/Fax +90 533 242 22 65
E-mail cagdas.eser@plasmag.com.tr

1.4- Emergency telephone number:

+90 533 242 22 65

2- HAZARDS IDENTIFICATION

2.1- Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This product does not meet the classification criteria according to the Regulation (EC) No. 1272/2008 (CLP).

2.2- Label elements:

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

This product does not meet the criteria for labelling according to Regulation (EC) No 1272/2008 (CLP).

2.3- Other hazards

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

3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1- Substances

Not applicable

3.2- Mixtures

Description of the mixture:

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Chemical Name	EC No.	CAS No.	%	Classification
Sukano G dc S571	-	-	0,2-0,5	STOT RE 2, H373

Notes: The full text for all H-statements is displayed in section 16.

4- FIRST AID MEASURES

4.1- Description of first aid measures

After skin contact

First aid measures are not required, but for hygiene reasons, wash exposed skin with soap and water.

After eye contact

First aid measures are not necessary, but for personal comfort, flush eyes, including under the eyelids, with plenty of water. Remove contact lenses if present and easy to remove. Continue washing. If irritation occurs, seek medical attention.

After inhalation

Although first aid measures are not necessary, get fresh air for your personal comfort.

After ingestion

If large amounts are swallowed or if you feel unwell, seek medical attention.

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

No data available.

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

No specific treatment is recommended. Treat according to symptoms.

5- FIRE FIGHTING MEASURES

5.1- Extinguishing Media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

No restrictions known.

5.2- Special hazards arising from the substance or mixture

In case of fire, toxic carbon monoxide, carbon dioxide, etc. Poisonous gases may be produced. Avoid breathing gases, vapors, fumes and decomposition products.

5.3- Advice for firefighters

Avoid breathing fire vapors. In case of fire, use a self-contained breathing apparatus suitable for indoor use and full protective clothing. Wear a protective face mask, protective gloves, boots and a safety helmet.

6- ACCIDENTAL RELEASE MEASURES

6.1- Personal precautions, protective equipment and emergency procedures

Do not attempt to intervene without appropriate protective equipment. Avoid contact with skin and eyes. Provide a good ventilation environment. Avoid breathing dust/fume/gas/mist/vapor/spray.

6.1.1- For non-emergency personnel:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

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6.1.2- For emergency responders:

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2- Environmental precautions

In case of a leak, dam it. If possible, fix the leak without risk. Avoid release to the environment. Prevent leakage if you can do so without risk. Prohibit entry to the area until cleanup is completed. Ventilate the area. Do not allow to enter soil, water or sewage.

6.3- Methods and material for containment and cleaning up

Provide appropriate personal protection. Clean up the spilled product with dry sand or similar absorbent material (Chemizorb, vermiculite, sand, diatomite, floured sawdust or similar inert material). Wash the spilled area with water. Dispose of collected material or solid waste according to local regulations.

6.4- Reference to other sections

For information on safe handling see section 7, for information on personal protection equipment see section 8, for disposal-related information see section 13.

7- HANDLING AND STORAGE

7.1- Precautions for safe handling

Provide good ventilation in the workplace. Follow industrial hygiene standards and common rules to prevent inhalation, ingestion, exposure to the skin during use of chemicals. Remove contaminated clothing and wash before using again. Do not eat, drink or smoke when using this product. Do not get in contact with food, drinks or animal feed. There must be an eye wash and shower in the process area and where it is used.

7.2- Conditions for safe storage, including any incompatibilities

Store in a well-ventilated, dry and cool places. Keep containers tightly closed. Protect containers from physical damage and keep them closed and upright. Keep it in its original package. Make sure that the packing cover is tightly closed. Comply with local regulations.

7.3- Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1- Control parameters

Contains no substances with occupational exposure limit values

8.2- Exposure controls

8.2.1- Appropriate engineering controls:

Make sure the working environment is very well ventilated. Handle in accordance with industrial hygiene and safety rules. Wash your hands before taking a break from work and at the end of the day. Keep away from food, beverages and animal feed. Wash your hands at the end of work and when taking breaks from work. Do not eat or drink any food while using this product.

8.2.2- Individual protective measures, such as personal protective equipment:

Eye/Face protection:

Use safety goggles or face masks that have been tested and approved in accordance with standards such as EN 166 (EU). Contact lenses should not be worn. Use face shields where there is a high risk of splashing and where there is a risk of direct contact with vapors.



PETG SHRINK SLEEVE FILM**Hands protection:**

Use protective gloves.

It is sufficient to consider puncture resistance, permeability rates and deterioration in selection of gloves. Selected protective gloves must comply with EN 374 standards.

**Glove material:**

Gloves made of butyl rubber and/or PVA.

Body Protection:

Choose appropriate body protection according to the type, concentration and amount of dangerous substance, and workplace conditions. Use waterproof clothing or a chemical suit in accordance with EN 14605.

**Respiratory protection:**

Respiratory protection is required if the overall level exceeds the recommended occupational exposure limits for work. Self-contained breathing apparatus. Filter P2. Suitable half mask (EN 143).

Thermal damages:

When necessary, wear appropriate thermal protective clothing.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

8.2.3- Environmental Exposure Controls

The provisions of existing legislation for the protection of the environment must be fully implemented.

9- PHYSICAL AND CHEMICAL PROPERTIES**9.1- Information on basic physical and chemical properties**

Properties	Value	Information
Physical state	: Solid	
Colour	: Transparent	
Odour	: Odourless	
pH Value	: No data available	@ 20°C
Melting point/freezing point (°C)	: 230	@ 760 mmHg
Boiling point or initial boiling point and boiling range	: No data available	@ 760 mmHg
Evaporation rate (butylacetate=1)	: No data available	
Flammability	: No data available	
Flash point (°C)	: Non volatile burning solid	
Upper/lower flammability or explosive limits	: No data available	
Vapor pressure	: No data available	
Relative vapour density	: No data available	
Density and/or Relative density, g/cm ³	: 1,32	@ 20 °C
Bulk density, kg/m ³	1500	
Solubility in water	: No data available	
Partition coefficient: n-octanol/water (log)	: Not applicable.	Product is a mixture.
Auto-ignition temperature (°C)	: > 450	
Decomposition temperature (°C)	: No data available	

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Properties	Value	Information
Viscosity, mPa's	: No data available	@ 20°C
Particle size	: No data available	
Particle size distribution	: No data available	

9.2- Other information:

9.2.1- Information with regard to physical hazard classes:

No data available

9.2.2- Other safety characteristics:

Explosive properties : No explosive properties.

Oxidising property : No oxidizing property.

10- STABILITY AND REACTIVITY

10.1- Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2- Chemical stability

Stable under recommended handling and storage conditions.

10.3- Possibility of hazardous reactions

No harmful reactions are to be expected when the product is handled and stored properly.

10.4- Conditions to avoid

Direct sunlight, extremely high or low temperatures, open flame, overheating, heat, sparks.

10.5- Incompatible materials

Strong acids, strong bases, oxidizing agents.

10.6- Hazardous decomposition products

Toxic gases are formed during fire. Carbon oxides (COx). Nitrogen oxides (NOx).

11- TOXICOLOGICAL INFORMATION

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

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or Skin Sensitization

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Specific Target Organ Toxicity (Single Exposure)

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

Specific Target Organ Toxicity (Repeated Exposure)

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

Aspiration Hazard

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

11.2- Information on other hazards

11.2.1- Endocrine disrupting properties

No test data is available for the mixture.

11.2.2- Other information

No test data is available for the mixture.

12- ECOLOGICAL INFORMATION

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1- Toxicity

No data available.

12.2- Persistence and degradability

No data available.

12.3- Bioaccumulative potential

No data available.

12.4- Mobility in soil

No data available.

12.5- Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6- Endocrine disrupting properties

No data available.

12.7- Other adverse effects

No data available.

13- DISPOSAL CONSIDERATIONS

13.1- Waste treatment methods

Residual waste

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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14- TRANSPORT INFORMATION

Product is not classified as dangerous in the meaning of transport regulations (ADR/RID, ADN, IMDG and ICAO/IATA).

14.1-	UN number	Not regulated as dangerous goods.
14.2-	UN proper shipping name	Not regulated as dangerous goods.
14.3-	Transport hazard class(es)	Not regulated as dangerous goods.
14.4-	Packing Group	Not regulated as dangerous goods.
14.5-	Environmental hazard	Not regulated as dangerous goods.
14.6-	Special precautions for user	None
14.7-	Maritime transport in bulk according to IMO instruments	No information available

15- REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

15.2- Chemical safety assessment

A chemical safety assessment has not been performed for this product.

16- OTHER INFORMATION

Full text of any H-statements not written out in full under Sections 2 to 15

H373 May cause damage to organs through prolonged or repeated exposure

List of abbreviations

ADN	European Agreement concerning the international Carriage of Dangerous Goods by Inlands Waterways
ADR	European Agreement Concerning the Int. Carriage of Dangerous Goods by Road
CAS No	Chemical Abstract Service Index Number
CLP	Regulation of Classification, Labelling and Packaging of Chemicals
EC No	European Commission Number
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Code for Dangerous Goods
LD50	Dosage producing 50% mortality
PBT	Persistent, Bioaccumulative, Toxic
REACH	Regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals in the European Union
RID	International Rule for Transport of Dangerous Substances by Railway
STEL	Short Term Exposure Limit

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TWA Time Weighted Average
vPvB Very Persistent, Very Bioaccumulative

Other Information:

Date Prepared : Sept.20th, 2023
Version No : 1.0
Revision Date : -
Organized by : Gultekin Baskoylu (Chemist)

Training information

In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS to ensure human health and environmental protection.

Sources of information:

- ECHA and related EU directives,
- UN ADR, IMDG, IATA lists,
- Safety data sheets for raw materials and product components,
- Other helpful resources.

Classification Calculation Methods

- Chemical and physical hazards: Product classification is inferred from the criteria determined according to the REACH Directive (1907/2006), Annex I, Part 2. Data for the evaluation of chemical-physical properties are given in Chapter 9.
- Health hazards: Product classification is based on the calculation methods set out in Annex 1, Section 3 of the REACH Directive (1907/2006), unless otherwise stated in Chapter 11.
- Environmental hazards: Product classification is based on the calculation methods set out in Annex 1, Section 4 of the REACH Directive (1907/2006), unless otherwise stated in Chapter 12.

Disclaimer

This information relates to a specific product and is not available for use in combination with any process or with any other material. Do not use on other application(s) without consulting the manufacturer. Information about the product in this Safety Data Sheet has been compiled from knowledge of the individual components. The data given here is based on current knowledge and experience. This Safety Data Sheet analyzes the product in terms of safety requirements and does not give any guarantee of the properties for the product. Usage of the information remains under the sole responsibility of the user.

Editor's note:

This SDS has been drawn up based on the information and documents received from the product owner company. The preparer of the SDS cannot be held responsible for the erroneous arrangement of the prepared SDS due to incomplete or incorrect information and documents, and for the material and moral damages that the product owner company may encounter due to this reason.