

1. Product Identification

Product Name OLIPS125/187

Recommended Use: Industrial Film. **Do not use for products directly in contact with food.**

2 HAZARD IDENTIFICATION

Most Important Hazards

Adverse Human Health Effects	Hazard assessment of coating material is not enough, but few adverse human health effects are anticipated.
Physical and Chemical Hazard	Combustible with the existence of ignition source.
Specific Hazards	May scratch the surface of the eye and skin. Fumes or vapors generated from melting product may cause the irritation of respiratory organ and eyes.
GHS Classification	Not classified

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Product	Article		
Chemical Name	Polyethylene terephthalate	Silicon dioxide	Olefin polymer
Synonyms	Polyester,PET	Silica (amorphous)	—
Chemical formula	$(-\text{CO}(\text{C}_6\text{H}_4)\text{COO}(\text{CH}_2)_2\text{O}-)_n$	SiO_2	trade secret
CAS No.	25038-59-9	7631-86-9	trade secret
Concentration	>80%	<1%	<10%
Chemical Name	Aromatic polymer	Inorganic pigment	Coating material
Synonyms	—	Titanium dioxide	—
Chemical formula	trade secret	trade secret	trade secret
CAS No.	trade secret	trade secret	trade secret
Concentration	<5%	<10%	<1%

4 FIRST-AID MEASURES

Inhalation	Remove to fresh air if effect occurs. Consult a physician.
Skin Contact	Wash off in running water or shower. In case of molten product, cool down and wash with cold water, immediately. Do not remove it if adhere to the skin. Consult a physician if necessary.
Eye Contact	Immediately rinse eyes with plenty of water for at least 5 minutes. Call a physician if necessary.
Ingestion	Induce vomiting. If indisposition continues, seek medical attention.

5 FIRE-FIGHTING MEASURES

Extinguishing Media	Water Spray, Carbon Dioxide, Dry Chemical Powder
Specific Hazards	Toxic gas as acetaldehyde and CO (Carbon Monoxide) may be generated under imperfect combustion.
Specific Methods	Extinguish with a lot of water
Protection of Firefighters	In case of a big fire, wear self-contained breathing apparatus and protective clothing.

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6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	The influence on the person might be a little.
Environmental Precautions	Do not dispose or stay in environment.
Methods for Cleaning up	Collect and place in a disposal container.

7 HANDLING AND STORAGE

HANDLING

Technical Measures	It is necessary to discharge the electrostatic charges built up during processing or handling the film by electrostatic discharger. Do not use flammable liquid near the working place to avoid explosion by ignition. For dust evolving process or molding, set up a good ventilation and a local exhaust system in the work area. Wear the protective equipments to avoid scratching the skin or eyes. Keep away from fire or heat. Do not touch material with unprotected hands.
Precautions	
Safe Handling Advice	

STORAGE

Technical Measures	Do not pile up higher than 1.5m for preventing collapse and drop.
Storage Conditions	Keep away from flame and heat-source.
Incompatible Products	Strong oxidizing materials
Packaging Materials	Paper

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING MEASURES	Set up a good ventilation , exhaust system and electrostatic discharger in the work area.
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PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection	For dust evolving process or molding, filter respirator
Hand Protection	Gloves
Eye Protection	Eye-protection goggles
Skin and Body Protection	Long sleeves

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid Plastic film
Colour	White
Odour	None
pH	Not Applicable
Melting point	255°C
Explosion Properties	If a lot of dust generated, it may explode with electrostatic ignition.
Density	1.0 - 1.2g/cm ³
Autoignition temperature	508°C(Due to PET heat decomposition)
Decomposition temperature	over 500°C (in N ₂ gas)
Solubility	Insoluble in water and general solvent (Soluble in concentrated Sulfuric acid or phenols)

10 STABILITY AND REACTIVITY

Stability	Stable at ambient temperature
Possible Hazardous Reactions	Partially decompose at as high as melting temperature. Can burn with ignition source.
Conditions to Avoid	High temperature over 400°C, Flame
Material to Avoid	Oxidizing agents
Hazardous Decomposition Products	Toxic gases (acetaldehyde, carbon monoxide etc.) are generated by heat decomposition or imperfect combustion.

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11 TOXICOLOGICAL INFORMATION

Acute Toxicity	Although there is no data in this product, acute toxicity is thought to be very low. Investigation of coating material is not enough.
Local Effects	Although there is no data in this product, it is thought to have few adverse effects.

12 ECOLOGICAL INFORMATION

Persistence/Degradability	Not degradable and stay for a long time.
Bioaccumulation	Thought to be no.
Possible Environmental Impact	Disposal in the oceans may damage the marine organism and birds.

13 DISPOSAL CONSIDERATIONS

Waste from Residues	Disposes of in accordance with all applicable local and national laws and regulations. Do not dump this material into sewers, on the ground or into any body of water.
Contaminated Packaging	Dispose of as well as the material.

14 TRANSPORT INFORMATION

International Regulations	
UN Classification Number	Not classified.
US DOT	Not regulated.
	Follow all of the laws and regulations in your country.
Specific Precautions	Avoid water and handling the material gently for not crushing the carton.

15 REGULATORY INFORMATION

TSCA STATUS:	Listed on TSCA inventory
EINECS	Monomers and other ingredients are all listed on EINECS.
OSHA STATUS:	Not a hazardous material
CERCLA REPORTABLE QUANTITY:	Not a hazardous substance
SARA TITLE III:	
section 302 extremely hazardous substances:	No
section 311/312 hazardous categories:	None hazardous
section 313 toxic chemicals:	No
RCRA STATUS:	Not a hazardous waste
California proposition 65:	No
REACH SVHC:	less than 0.1 wt%
	Follow all of the laws and regulations in your country.

16 OTHER INFORMATION

Hazard rating classification	NFPA	HMIS
Health	0	0
Flammability	1	1
Reactivity	0	0 (physical hazard)
	Specific Hazard; none	Protective Equipment; C
Notice	The information in this SDS, to the best of our knowledge, is accurate and correct.	

Strata-Tac makes no warranty and assumes no liability whatsoever in connection with any use of this information. This safety data sheet is subject to revision as new information becomes available.

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