



Material Safety Data Sheet (MSDS)

KL66 Optics Film

1. Product and Company Identification

Product name: Optics Film
Name of Product: KL66
Manufacturer: Optivision Technology Inc.
Identification: Address: 3F, NO. 1 LI HSIN RD. VI
SCIENCE-BASED INDUSTRIAL PARK
HSINCHU, TAIWAN 300, R.O.C.
Telephone Number: 886 – 3 – 577 6686
Fax Number: 886 – 3 – 577 6680
Emergency telephone No.: 886 – 3 – 577 6686
E-mail: sales@optivtech.com

<u>2. Ingredients</u>		CAS No.	65um	125um	150um	215um	275um
Casting Material	Acrylic Resin	NA	7.22%	7.14%	10.17%	7.78%	6.32%
Substratum Material	PET	25038-59-9	42.66%	58.48%	61.13%	70.28%	75.88%
Top Protective Film	PP	901079-1	21.98%	15.12%	12.57%	9.61%	7.80%
Bottom Protective Film	PE	9002-88-4	28.14%	19.26%	16.13%	12.33%	10.00%

3. Hazards identification

Most important hazards and effects of the product:

Adverse human effects:	Nothing particular
Hazards classification:	Not applicable
Specific hazards:	Nothing particular

4. First-aid measures

Inhalation:	Generally no possibility of inhalation.
Skin contact:	Wash it out with large amount of water and soap When a skin rash is developed, consult a doctor immediately.
Eye contact:	Immediately wash it off with running water for more than 15 minutes.
Ingestion:	
If Swallowed:	After vomit, consult a doctor if necessary No need for first aid is anticipated.

5. Fire-fighting measures

Autoignition temperature:	Not required
Flash Point:	Not required
Flammable Limits – LEL:	Not required
Flammable Limits – UEL:	Not required
Extinguishing media:	Material will not burn. Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).
Protection of fire fighters:	Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA). Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated.

6. Accidental release measures

Accidental Release Measures:	Not required
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7. Handling and storage

Handling:	This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
Storage:	Nothing particular

8. Exposure controls / personal protection

Personal protective equipment (PPE):

Respiratory protection:	Not required
Hand protection:	Not required
Eye protection:	Not required
Skin and body protection:	Not required

9. Physical and chemical properties

Odor, Color, Grade:	Clear, prismatic film, no odor.
Physical Form:	Solid
PH:	No data
Auto ignition temperature:	Not data
Flash point (°C):	No data
Melting point (°C):	254.42
Boiling point (°C):	No data
Boiling range (°C):	No data
Evaporation rate:	No data
Density:	About 1.41
Viscosity:	No data
Solubility with indication of the solvent:	Insoluble in water

10. Stability and reactivity

Stability:	Stable under normal environment
Possible hazardous reactions occurring under specific conditions:	No data
Condition which should be avoided:	Please avoid high temperature, high humidity, sunlight directly
Material which should be avoided:	No data
Hazardous decomposition products:	No data

11. Toxicological information

Acute toxicity:	None
Caustic:	None
Specific influence mutation field:	None

12. Environmental influence information

Mobility:	No data
Persistence / degradability:	No data
Bioaccumulation:	No data
Toxicity:	None

13. Disposal considerations

Waste Disposal Method:	Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator.
EPA Hazardous Waste Number (RCRA):	Not regulated

14. Transport information

Information for code and classification at international regulations:

Land:	Follow the general cautions in the section “Handling and Storage”. Make sure the container is free from leakage. Load properly to prevent the container from shock, falling or breaking. Follow fire protection law and labor safety hygiene law, according to each pertinent law to convey.
Inland waterways:	Follow the general cautions in the section “Handling and Storage”. Make sure the container is free from leakage. Load properly to prevent the container from shock, falling or breaking.
Sea:	Follow the general cautions in the section “Handling and Storage”. Make sure the container is free from leakage. Load properly to prevent the container from shock, falling or breaking.
Air:	Follow law for Safety of Vessels. Follow the general cautions in the section “Handling and Storage”. Make sure the container is free from leakage. Load properly to prevent the container from shock, falling or breaking. Follow aviation law.
The UN classification number:	None

15. Regulatory information

Contact Optivision for more information.

16. Other information

- Handle this product with great care, since the evaluation of its danger and toxicity may not be sufficient.
- The above information is based on the most up-to-date data, yet the values of content and physical / chemical properties are not guaranteed.
- The cautionary statements are applicable for ordinary handling only. For special handling, please devise safety measures appropriate for the use.