



文件修訂記錄						
制訂日期	修訂章節	版別	修訂內容	制訂	審查	核准
2013/11/6	全	00	新編訂	劉文豪	石明政	袁廣麟



制定部門	材料科學部	KH69 物質安全資料表 (MSDS)	編號	QR-KH69-4-01
初版日期	2013/11/6		版別	00
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物質安全資料表 (MSDS)

1. Product and Company Identification (物品與廠商資料)

Product name:	Optical Film
Name of Product:	KL69-Series
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 # 8101
Fax Number:	886 – 3 – 577 6680
Emergency telephone No.:	886 – 3 – 577 6686
E-mail:	sales@optivtech.com

2. Ingredients (成分辨識資料)

	CAS No.	75um	95um
Casting Material (表層結構)	Acrylic Resin NA	8.28%	6.77%
Substratum Material (底部基材)	PET 25038-59-9	44.58%	54.69%
Top Protective Film (上保護膜)	PE-co-PP 9010-79-1	21.66%	17.71%
Bottom Protective Film (下保護膜)	PE-co-PP 9010-79-1	25.48%	20.83%

3. Hazards identification (危害辨識資料)

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 (急救措施)

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:	After vomit, consult a doctor if necessary
If Swallowed:	No need for first aid is anticipated.



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5. Fire-fighting measures (滅火措施)

Autoignition temperature: Flash Point: Flammable Limits – LEL: Flammable Limits – UEL: Extinguishing media: Protection of fire fighters:	Not required Not required Not required Not required Material will not burn. Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide). 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.
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6. Accidental release measures (洩漏處理方法)

Accidental Release Measures:	Not required
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7. Handling and storage (安全處置與儲存方法)

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 (暴露預防措施)

Personal protective equipment (PPE): Respiratory protection: Hand protection: Eye protection: Skin and body protection:	Not required Not required Not required Not required
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9. Physical and chemical properties (物理及化學性質)

Odor, Color, Grade: Physical Form: PH: Auto ignition temperature: Flash point: Melting point : Boiling point: Boiling range: Evaporation rate: Density: Viscosity: Solubility with indication of the solvent:	Clear, prismatic film, no odor. Solid No data No data No data 252.4°C No data No data No data About 1.381(g/cm ³) No data Insoluble in water
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10. Stability and reactivity (安全性及反應性)

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 (毒性資料)

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

12. Environmental influence information (生態資料)

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

13. Disposal considerations (廢棄處置方式)

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 (運送資料)

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 (法規資料)

Contact Optivision for more information.	
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16. Other information (其他)

- 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.

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