



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
2013.02.27	全	00	新編訂	葉俊宏	許力仁	袁廣麟





制定部門	材料科學部	SH28 物質安全資料表 (MSDS)	編號	QR-SH28-4-01
初版日期	2013.02.27		版別	00
文件屬性	MSDS		頁次	4

## 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:	SH28-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.	90um	115um
Top Casting Material (表層結構)	Acrylic Resin	NA	4.04%	3.42%
Bottom Casting Material (底部結構)	Acrylic Resin	NA	2.53%	2.14%
Substratum Material (底部基材)	PET	25038-59-9	53.03%	59.83%
Top Protective Film (上保護膜)	PP	901079-1	17.68%	15.38%
Bottom Protective Film (下保護膜)	PE	9002-88-4	22.72%	19.23%

### 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.
Eye contact:	When a skin rash is developed, consult a doctor immediately.
Ingestion:	Immediately wash it off with running water for more than 15 minutes.
If Swallowed:	After vomit, consult a doctor if necessary
	No need for first aid is anticipated.

### 5. Fire-fighting measures (滅火措施)

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





制定部門	材料科學部	SH28 物質安全資料表 (MSDS)	編號	QR-SH28-4-01
初版日期	2013.02.27		版別	00
文件屬性	MSDS		頁次	4

	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 (洩漏處理方法)

Accidental Release Measures:	Not required
------------------------------	--------------

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

#### 9. Physical and chemical properties (物理及化學性質)

Odor, Color, Grade:	Clear, prismatic film, no odor.
Physical Form:	Solid
PH:	No data
Auto ignition temperature:	No data
Flash point:	No data
Melting point :	252.47°C
Boiling point:	No data
Boiling range:	No data
Evaporation rate:	No data
Density:	About 1.358 (g/cm <sup>3</sup> )
Viscosity:	No data
Solubility with indication of the solvent:	Insoluble in water

#### 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)





制定部門	材料科學部	SH28 物質安全資料表 (MSDS)	編號	QR-SH28-4-01
初版日期	2013.02.27		版別	00
文件屬性	MSDS		頁次	4

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 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.
The UN classification number:	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.
	None

#### 15. Regulatory information (法規資料)

Contact Optivision for more information.	
--	--

#### 16. Other information (其他)





制定部門	材料科學部	SH28 物質安全資料表 (MSDS)	編號	QR-SH28-4-01
初版日期	2013.02.27		版別	00
文件屬性	MSDS		頁次	4

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