

3. Material Safety Data Sheet

SECTION I		
CHEMICAL NAME Polyethylene terephthalate		
FORMULA -(C₁₀H₈O₄)_n-		
TRADE NAME Lumirror_s		
SECTION II - PRODUCT AND HAZARD DATA		
COMPONENT	APPROX WEIGHT(%)	CAS No
Polyethylene terephthalate	100	2538-59-9
PRECAUTIONARY LABEL STATEMENT For manufacturing use only. Not FDA approved except for P51 and P60.		

SECTION III PHYSICAL DATA			
BOILING POINT	NA	SPECIFIC GRAVITY(H ₂ O=1)	1.4
VAPOR PRESSURE (mmHg)	NA	PERCENT, VOLATILE BY VOLUME(%)	NA
VAPOR DENSITY (AIR= 1)	NA	EVAPORATION RATE	NA
SOLUBILITY IN WATER	Negligible	MELTING POINT	263°C
APPEARANCE AND ODOR : Film, transparent, no odor			

SECTION IV - FIRE AND EXPLOSION DATA			
FLASH POINT	390~400°C	IGNITION POINT	485~500°C
EXTINGUISHING MEDIA Water spray, dry chemical, carbon dioxide.			
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus and protective clothing.			

SECTION V - REACTIVITY DATA	
STABILITY	Stable
INCOMPATIBILITY	Oxidizing, materials can cause a reaction.
HAZARDOUS DECOMPOSITION PRODUCTS	As with any other organic material, combustion will produce carbon dioxide and carbon monoxide.



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