

Bill of Materials (BOM) for EclipsePro Series Products

Document ID: TF-SG-ECL-001-AnnexB

Revision: A

Date: July 14, 2025

This document provides a consolidated list of all materials used in the manufacturing of the EclipsePro Series Solar Eclipse Glasses, as referenced in Technical File TF-SG-ECL-001 Rev. 2.1. Each entry specifies the material's name, code, composition, manufacturer/supplier, and the governing test report number as objective evidence of compliance.

Component / Part	Material Specification (Name / Code / Composition)	Manufacturer / Supplier	Governing Test Report(s)
Solar Filter Lens (for Plastic Series)	Name: Polymer Solar Filter Code/Grade: Silver/Black Filters Composition: Aluminized polymer film designed for safe solar observation.	Cangnan County Qiwei Craft Co., Ltd., China	• T18671-01-5 (ICS Labs)
Solar Filter Lens (for Paper Series)	Name: Polymer Solar Filter Code/Grade: Silver/Black Filters Composition: Aluminized polymer film designed for safe solar observation.	Cangnan County Qiwei Craft Co., Ltd., China	• T18671-01-7 (ICS Labs)
Paper Frame	Name: Coated Ivory Board Code/Grade: NINGBO FOLD (FIV) C1S, 250g/m² Composition: Coated single-side (C1S) paperboard.	NINGBO ASIA PULP & PAPER CO., LTD.	• 2025020014 (Sinolight)
Plastic Frame (Base Resin)	Name: Polypropylene Homopolymer Code/Grade: TAIRIPRO PP B1101, K1011, etc. Composition: Injection-moldable polypropylene (PP) resin.	FORMOSA CHEMICALS & FIBRE CORPORATION	• ETR25206074 (SGS Taiwan) • Formosa Certificate of Product Safety (REACH SVHC), June 26, 2025 (Internal Ref: SVHC_250_items_20250626.pdf)
Plastic Frame Additive (Glow-in-the-Dark)	Code/Grade: "Glow powder" Composition: Strontium Aluminate-based pigment (SrCO_3 , Al_2O_3 , Dy_2O_3 , Eu_2O_3).	FOSHAN JULIANG PHOTOLUMINESCENT PIGMENT CO., LTD	• CANEC25006940001 (SGS RoHS) • RT20250430004 (DGRTTS MSDS)
Printing Ink (Black)	Name: Pure vegetable oil ink (black)	Shanghai Shenri Chemicals Co., Ltd.	• SHAEC24022975101 (SGS)
Printing Ink (Magenta)	Name: Pure vegetable oil ink (magenta)	Shanghai Shenri Chemicals Co., Ltd.	• SHAEC24022975103 (SGS)
Printing Ink (Yellow)	Name: Pure vegetable oil ink (yellow)	Shanghai Shenri Chemicals Co., Ltd.	• SHAEC24022975105 (SGS)
Printing Ink (Cyan)	Name: Pure vegetable oil ink (cyan)	Shanghai Shenri Chemicals Co., Ltd.	• SHAEC24022975107 (SGS)
Adhesive	Name: Adhesive Code/Grade: Model 818 / 828 Composition: Water-based adhesive	Shenzhen Golden Lad Keilndustries Co., Ltd.	• CANEC25014912901 (SGS SVHC)
Hot Stamping Foil (Primary & Alternate)	Code/Grade: N/A Composition: Multi-layer foil composed of PET carrier, release, lacquer, metallic/pigment, and adhesive layers.	Zhejiang Jianeng New Material Co., Ltd.	• TAOEC25006916401 (SGS Phthalates/REACH)