



优质制造 美好生活

*Better Manufacturing Better Life*



長興材料  
ETERNAL MATERIALS

Elements of Infinite Possibilities



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## 经营理念

### *Corporate Philosophy*

- 制造最优质产品服务客户
  - 用心照顾员工福利
  - 保障股东权益
  - 尊重利害关系人权益，强化各项公司治理制度
  - 善尽企业社会责任
- 
- We provide our customers with dedicated service and high quality.
  - We care about the welfare of our employees.
  - We strive to ensure the shareholders' rights.
  - We respect the rights of the stakeholder and strengthen corporate governance.
  - We are devoted to corporate social responsibility.

## 企业文化

### *Corporate Culture*

- 守法、守信、守德 (公德、道德、品德)
  - 回馈社会
  - 创造整洁优美的工作环境
- 
- We are a law-abiding company that honors promises and values morality.
  - We contribute to society.
  - We provide a clean and pleasant work environment.

# 扎根台湾 立足亚洲 胸怀世界

Rooted in Taiwan  
Based in Asia  
Embrace the World

“研究与创新”是长兴公司藉以持续成长的主因。我们致力于技术开发与提升，无时不以“品质、信誉、创新、服务”为信念，发展更多优良产品，实现永续成长、技术领先的理念。

“长远规划未来，兴创世界品牌”，我们放眼于更宽广的国际视野，于全球重点市场努力深耕，矢志成为世界级材料供应商。

展望未来，面对全球激烈竞争的环境，我们将不断追求自我突破与成长，并以十足信心与能力去迎接新的挑战，再创成长新高峰。

“Research and Innovation” form the impetus for Eternal's rapid growth. We are committed to technological development, while upholding our core values of “quality, reputation, innovation, and service”. We aim to develop quality products, serve society, and sustain growth with forward-thinking technology. Our Chinese name literally means, “longstanding” and “flourishing”. The name conveys our vision: a long-term plan that builds Eternal into a respected global brand and world-class material supplier in key markets around the planet.

Looking forward, Eternal seeks to achieve successive breakthroughs and exponential growth despite and amid intense global competition. We are fully confident in our mission and firmly believe we have the competency to withstand any challenges ahead.

# 愿景 Vision





# 社会责任 Social Responsibility

长兴秉持永续成长的经营理念，不断地在企业中塑造守法、守信、守德（公德、道德、品德）、回馈社会、创造整洁优美工作环境的企业文化。

为了善尽环保责任，我们不但投入庞大经费进行设备投资及改善，并积极研发对环境友善的绿色产品，使其对环境的冲击降到最低。

在安全管理方面，长兴一向极为重视职业安全卫生及消防，除了不断检讨改善制程本质之安全性外，并定期举办教育训练，将相关知识全面落实于工作环境中。

“员工”是企业重要的资产，长兴除遵守各项劳动法令规章，更致力于照护员工身心之健康，不断地检讨各项员工福利措施及进修训练制度，以维持良好的互动机制并促进劳资关系和谐。

长兴以“公司治理”、“社会公益”及“环境保护”等三大领域持续自我审视，永不间断履行对利害关系人之责任。

Eternal persists on the operating principles, as well as sustainable growth, constantly establishing the corporate culture including law-abiding, keeping promises and morality (social morals, ethic morals, and individual morals); contributing to the society, and beautifying the work environment.

In order to dedicate in the responsibility of environmental protection, we have not only devoted significant amount of budget to conduct facility investment and enhancement, but also actively develops green products which are friendly to the environment, allowing their impacts on the environment to be reduced to the minimum.

As for the aspect of safety management, Eternal has always valued industrial safety and hygiene, as well as fire controls. In addition to constantly reviewing to improve the safety of the production, we also organize educational trainings on a regular basis, so as to implement all relevant knowledge into the work environment.

“Employee” is a vital asset to the enterprise, and besides obeying the various labor regulations, Eternal further devotes in taking care of the employees’ body as well as mind health, constantly reviewing the various employees’ welfares as well as educational training system, so as to maintain excellent interactive system and stimulate the harmonious relationship between the employees and the employer.

Eternal continuously review itself through the three major fields of “Corporate Governance”, “Welfare” and “Environmental Protection”, thereby fulfilling its responsibilities towards the stakeholder.





## 创新 Innovation

### 以创新与研究为基础

#### *Innovative and Technology-Based*

持续不断的创新与研发，是长久以来支持长兴稳定成长的最大力量。我们拥有亚太地区领先的研究团队，优异的人才以及先进卓越的实验仪器与设备，是长兴研发团队维持技术领先优势的最主要因素。

Eternal is an innovative and technology-based company. Eternal's solid growth has been supported by continuous innovation & technological improvements. Outstanding personnel, great lab equipment and facilities make us one of Asia's leading research teams.

### 核心技术能力

#### *Core Competencies*

由于长期的投注研发，使得长兴拥有走在时代尖端的技术，并在业界维持领先优势。长兴的核心技术能力包括高分子合成、配方技术、应用技术、材料分析技术及制程技术。成功地运用核心技术优势，已使长兴由传统的树脂产业，转型为高科技产业制程原料专业供应商。

Eternal focuses on R&D and our cutting edge technology keeps us at the top of our field. Our core competencies include: polymer synthesis, chemical formulation and material analysis and precision process technology and nanodispersion technology. Successfully employing core technology advantages, Eternal has transformed itself from a traditional resin supplier into a supplier highly specialized in high-tech manufacturing process.

长兴的研发成果屡获国内各界肯定。特殊单体、干膜光阻及影像材料之研发成果于 1990、1992、1997 年获得中华民国全国工业总会评选为『新产品开发绩优厂商』；此外，长兴于 1994、1995 年分别荣获经济部颁发之产业科技发展『优秀奖』及『杰出奖』，2001 年更获颁最高荣誉的『卓越成就奖』。并于 2007 年获得经济部『奈米科技菁英奖』、2010 年荣获第 18 届经济部产业科技奖 - 『杰出创新企业奖』。2013 年获得经济部『卓越中坚企业』奖，2018 荣获科技管理学会第二十届“科技管理奖”团队奖(企业团队类)及 2020 年以新型水性 UV/LED 固化材料荣获台湾化学产业协会菁英奖暨产品创新奖。

Eternal's R&D achievement is recognized by industries nation-wide. In 1990, 1992 and 1997, Eternal was awarded for excellent supplier in New Product Development by Chinese National Federation of Industries in the field of special monomers, dry film photoresist and image materials, respectively. In 1994 and 1995, Eternal won Outstanding Award for Industrial Technology Advancement and Most Outstanding Award for Industrial Technology Advancement granted by the Ministry of Economic Affairs. And in 2001, again, Eternal won Distinguished Award for Industrial Technology Advancement, the highest honor of this award, Innovation award of Taiwan nanotechnology (Industry Award) in 2007 (by Taiwan Nanotechnology Industry Development Association), and Taiwan 18th Industrial Technology Advancement Award-Outstanding Enterprise Innovation Award in 2010. Eternal also won the Taiwan Mittelstand Award presented by the Ministry of Economic Affairs in 2013. The Company was honored with a team award in the corporate team category at the 20<sup>th</sup> Technology Management Awards by the Chinese Society for Management of Technology in 2018. In 2020, our water-based UV/LED curing material was recognized with a Taiwan Chemical Industry Association Elite and Product Innovation Award.

## 技术蓝图

### *Our Technology Roadmap*

长兴技术蓝图的目标，是巩固我们在亚太特殊化学品产业的领导地位。我们的技术蓝图始于功能性高分子市场，接着逐步开发扩展至电路板、半导体及液晶显示器用电子化学材料相关市场。并在新产业领域的扩展上包括绿能 / 储能材料、软性电子材料、先进构装材料、生医材料、高性能工程塑胶等相关材料也是全力发展，长兴在技术上都能够伴随产业的脚步保持高度的活力与成长。

Our technology roadmap aims to establish us even more firmly as a global player in the specialty chemical market. Our roadmap begins with functional polymers, and then successfully expands to electronics industry-specific chemical materials for Circuit Boards, Semiconductor and LCD markets, now developing new chemical materials for Green energy/ Energy storage materials, Flexible electronics materials, Advanced packaging materials, Biomaterials and High performance engineering plastics market. Our technology always maintains great vigor and growth with industrial footsteps.

# Resins Materials

## 合成树脂产品



### 涂料树脂 Coatings Resins

长兴研发生产各类水性及油性涂料树脂包括：醇酸树脂、丙烯酸树脂、水性乳液、饱和聚酯树脂、酚醛树脂、氟碳树脂、氨基树脂、压克力微球等，完整且专业的涂料树脂研发团队，可配合客户要求客制化产品。

To comply with the trend and customer requirements, Eternal keeps developing new materials and their related applications, including water-based and solvent-based coating resins, such as Alkyd resins, Acrylic resins, Oil-free polyester, Fluorocarbons resins, Amino resins, Phenolic resins. In addition, eternal also develop products for specifically targeted industries.

#### 产品应用范围 Applications

涂料树脂应用于各类型涂料制作，含建筑涂料、防水涂料、木器涂料、汽车涂料、汽车修补漆涂料、卷钢及罐装涂料、一般工业涂料、塑件涂料、船舶与保护涂料等。

Typical applications in coating include Architectural, Decorative, Wood coatings, Industrial coatings, Can coatings, Coil coatings, Automotive coatings, Marine and protective coatings, etc.



## 胶黏剂树脂 Adhesives Resins

研发生产可直接上机使用的成品材料，如：水性及油性丙烯酸感压接着剂、湿气固化聚氨酯，及烘烤型可剥胶。另外也开发聚酯多元醇树脂供应聚氨酯产业下游各项应用。

Eternal supply water base and solvent base acrylic resins for adhesive-related industries. Such as water-based and solvent acrylic PSA, moisture curing polyurethane resins, peelable adhesive. Eternal also offers polyester polyol as materials for the polyurethane industry.

### 产品应用范围 Applications

胶黏剂树脂应用产业包括：各式水性与油性胶带及商标、制程保护用油胶、各类膜材贴合与背胶、结构贴合、纺织贴合、木工贴合、型材包覆。聚酯多元醇树脂可应用于制造聚氨酯接着剂、热塑型聚氨酯树脂、水性聚氨酯树脂等。

Mainly application including PSA for labels and tapes, in-process protective adhesives, film lamination and adhesives, textile lamination, wooden work lamination. Polyester polyol for PU adhesives, thermoplastic polyurethane (TPU), water-based polyurethane dispersion (PUD).



## 新产品 New Products

持续开发衍生产品以因应产业趋势与客户需求。包含水性聚氨酯树脂，油性 PU、高分子量聚酯、光触媒树脂，导电性高分子，另外积极开发针对特定用途使用的特殊胶黏剂产品。

Eternal keep developing new products for different applications, including water-based polyurethane dispersion, high molecular weight polyester, polyurethane resins, photo-catalyst resins, conductive polymer PEDOT, and adhesive products for specific applications.

### 产品应用范围 Applications

**钢板类应用：**钢板用抗指纹漆、捲钢与制罐涂料、塑料膜与钢板贴合

**纺织类应用：**纺织胶浆、鞋材油墨、纺织品贴合

**皮革类应用：**合成革涂饰与接着、天然革涂饰

**膜材类应用：**预涂膜、真空吸塑、防静电膜材

**太阳能板产业：**太阳能背板接着剂、太阳能板玻璃自洁涂层

**油墨类应用：**一般油墨树脂、自消光油墨

**Steel industry:** Anti-finger paint, can and coating industry,

**Textile industry:** Textile printing ink, lamination

**Leather industry:** Surface treatment and adhesive for synthetic and natural leather

**Film industry:** Pre-coated film, vacuum forming adhesive, anti-static film

**PV industry:** PV back-sheet adhesive, PV glass self-cleaning coating

**Ink:** clear or self-matting vanish

## 不饱和聚酯树脂 Unsaturated Polyester Resins

长兴生产不饱和聚酯树脂超过 40 年，产品线完整，涵盖各种不饱和聚酯树脂的应用领域，此外也生产乙烯基酯树脂、环氧配方树脂、阻燃树脂、结构胶、PU 发泡用聚酯多元醇等树脂材料。近期开发热塑复合材料。

长兴拥有精良的研发团队，所研发之多项产品已获劳氏、DNV、NK 等国际机构认证；藉由精确的行銷策略与完善的售后服务，本产品已成为国内领导品牌，更行銷全球三十余国。

Eternal has experienced in unsaturated polyester resins field for over 40 years, and our product cover most application in the market. On the base of unsaturated polyester resin, we further expand our product portfolio and now we are also a key supplier of vinyl ester resin, epoxy system, fire retardant resin, structural adhesive and polyester polyol. Thermoplastic composite materials are under development.

With long-term commitment in supplying competitive and consistent quality products, our products have met stringent domestic and international quality standards, including Lloyd's, DNV and NK, and export to over 30 countries worldwide.

### 产品应用范围 Applications

#### 不饱和聚酯树脂应用范围包括：

- (1) 补土
- (2) 游艇 / 船舶
- (3) 钮扣
- (4) 注型
- (5) 耐化学性 FRP
- (6) 浪板
- (7) 化妆板
- (8) 胶衣
- (9) 手积层或喷涂成型 FRP
- (10) 模压 / 拉挤 / 缠绕成型 FRP
- (11) 树脂混凝土
- (12) SMC/BMC
- (13) 表面涂布
- (14) 人造大理石

#### Application of unsaturated polyester includes:

- (1) Automotive putty
- (2) Boats and yachts
- (3) Button
- (4) Casting
- (5) Chemical resistant FRP
- (6) Corrugated sheet
- (7) Decorative panel
- (8) Gel coat
- (9) Hand lay-up and spray-up
- (10) Press molding
- (11) Resin concrete
- (12) SMC/BMC
- (13) Surface and coating
- (14) Synthetic marble.

## 产品应用范围 Applications

### 乙烯基树脂应用范围包括：

- (1) 耐酸桶槽 / 管件 / 内衬
- (2) 电解槽 / 电镀槽
- (3) 玻璃鳞片 / 胶泥
- (4) 废气回收塔 / 脱硫 / 烟塔合一
- (5) 烟囱 / 烟道
- (6) 储油槽内衬
- (7) 食品工业储罐
- (8) 防腐蚀地坪
- (9) 游艇等。

### Application of vinyl ester resin includes:

- (1)Swimming pool
- (2)Boats/Yachts
- (3)Anti-overflow embankment
- (4)Anti-corrosion mortar floor, pipe, lining, chess slab
- (5)Crude Oil tank lining
- (6)Electrolyte Tank
- (7)Chemical storage tank
- (8)FGD process pipe/Spray lining
- (9)Anti-corrosion exhaust chemistry & waste gas treatment tank.

### 环氧配方树脂应用范围包括：

- (1) 工业用品：如机械手臂、高压气瓶、电线电缆芯等
- (2) 运动器材：如自行车、球拍、球竿、钓竿、滑雪板、冲浪板等
- (3) 航太部件：如无人机、雷达罩
- (4) 民生用品：如行李箱、家具、3C 外壳
- (5) 建筑材料：如土木补强材、水塔等
- (6) 交通用品：如汽机车零配件

### Application of epoxy system includes:

- (1)Industrial supplies: mechanical arms, high-pressure cylinders, electrical cable core
- (2)Sports: bicycles, rackets, bat , fishing rod, sports board
- (3)Aerospace: unmanned aerial vehicles, radome
- (4)Consumer goods: luggage, furniture, 3C goods
- (5)Construction: civil engineering, water towers
- (6)Transport industry: automotive, motorcycle spare parts, etc.

### 阻燃树脂应用范围包括：

- (1) 铁路客车车厢内装板
- (2) 浪板
- (3) 建筑物外观件
- (4) 船舶等要求阻燃特性的 FRP 产品。

### Application of fire retardant resin includes:

- (1)Train interior panel
- (2)Corrugated sheet
- (3)Building materials
- (4)Boats/Yachts and other FRP product where fire retardant property is necessary.

### 结构胶应用范围包括：

船舶业 / 复合材料管道业 / 轨道交通业...等需要异种材料接着工法之行业。长兴结构胶产品具有优异的断裂延伸率、韧性、耐冲击性以及高强度黏结性，具有高抗垂流度，适合在非水平面或垂直面时施工。其对金属材质以及复合材料间的黏结强度极佳。以长兴结构胶做黏结除了可提供优异的黏结强度以及韧性，同时也提供良好的抗震效果。

### Application of structural adhesive includes:

Marine, composite industrials, transportation areas which have different materials bonding demand. Eternal structural adhesive possesses high elongation, toughness, high impact strength properties. The anti-sagging properties can be applied on non-horizontal or vertical surface application, suitable for two distinct structural complementary substances. Besides excellent static bonding strength, it can also provide very good anti-seismic property especially metals and nonmetallic adhesive materials for long-term and reliable adhesion.

**聚酯多元醇应用范围包括：**

- (1) 建筑物隔热材
- (2) 隔音设备
- (3) 屋顶隔热材
- (4) 化学槽 / 储油槽 / 冷冻库 / 远洋渔船 / 液态氨储存槽保冷材

**热塑复合材料应用范围包括：**

- (1) 自行车
- (2) 运动器材
- (3) 3C 部件
- (4) 汽车部件

**Application of polyester polyol includes:**

- (1) Thermal insulation PU foam
- (2) Acoustic insulation PU foam
- (3) Roofing panel
- (4) Refrigerator insulation materials and etc.

**Application of thermoplastic composite materials includes:**

- (1) Bike
- (2) Sports good
- (3) 3C accessories
- (4) Automobile accessories

**生产基地 Production Sites****台湾 / 屏东 Pingtung / Taiwan  
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# High Performance Materials

## 特用材料产品



### 丙烯酸酯单体 & 丙烯酸酯低聚物

### Acrylate Monomers & Acrylate Oligomers

各类丙烯酸酯单体，包含单官能基单体、二官能基单体、三官能基单体、高官能基单体、高折射率单体、乙氧化或丙氧化第二代单体、己内酯化高官能基单体、刚性单体、无甲苯单体、柔韧单体、生质材料单体等。

目前产品种类齐全，可依据不同客户要求规格、特性，提供最完美适当之产品服务，并根据市场发展趋势不断开发各种特殊单体，以满足不同应用产业者的技术挑战。现有台湾路竹厂、大陆珠海厂及大陆苏州厂三厂生产供应，搭配专属全自动控制生产设备，产能已为亚洲之冠。

各类(甲基)丙烯酸酯类低聚物，包括(1)改性环氧丙烯酸酯(2)聚氨酯丙烯酸酯(3)聚酯丙烯酸酯(4)聚醚

丙烯酸酯(5)纯丙烯酸树脂(6)超支化树脂(7)水性树脂(8)有机-无机杂化材料(9)反应型助引发剂(10)弹性树脂(11)有机硅改性丙烯酸酯(12)特殊基材附着促进剂(13)消光树脂等。

公司更整合数十年来不同事业部生产与技术经验，投入大量研发人力及仪器设备，开发具有独特技术之优异性能及满足不同市场应用需求的各类型低聚物产品，并已取得各项品质认证(如:ISO 9001/ISO14001/ISO14064/CNS 15506/OHSAS18001)及参与REACH/TSCA/MITI等相关产品认证事宜，以因应国际间不同地区及各国环保法规之品质要求。

A broad of range of products including (1) mono-functional monomers, (2) di-functional monomers, (3) tri-functional monomers, (4) multi-functional monomers, (5) Monomers with high refractive index, (6) ethoxylated or propoxylated modified monomers (i.e. The 2nd generation monomers), (7) caprolactone modified acrylate monomers, (8) monomers with stiff and rigid skeleton, (9) toluene-free process's monomers, (10) high flexible monomers, (11) monomers from bio-renewable materials, etc.

We have various acrylate monomers that could provide high-quality products and different specifications to satisfy customer's needs. Besides, we also keep developing the market-oriented new products. There are three production sites, Luzhu plant in Taiwan and both Zhuhai and Suzhou plant in China, which support the sufficiency capacity to supply customers in the world and become a leader in Asia.

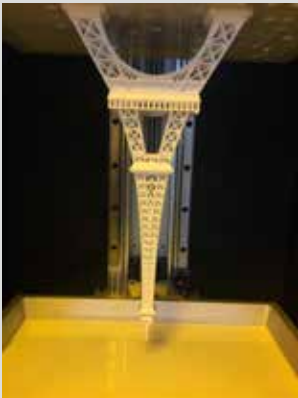
Eternal also provides various types of UV-curable acrylate oligomers, including (1) modified epoxy acrylates, (2) polyurethane acrylates, (3) polyester acrylates, (4) polyether acrylates, (5) full-acrylic resins, (6) hyperbranched polyester acrylates, (7) water-borne PUD acrylates, (8) organic-inorganic hybrid materials, (9) reactive amine synergists, (10) self-healing acrylates, (11) silicone modified acrylates, (12) adhesion promoter on various substrate, (13) oligomers for UV matting application, etc.

With outstanding production and R&D inputs for decades, Eternal has integrated the technologies among the Business Groups and built up a unique application database successfully. To be qualified by the markets' requirements, Eternal nowadays is not only certificated by ISO 9001/ISO14001/ISO14064/TOSHMS/OHSAS18001 but also made our efforts to comply with the Chemical regulation (REACH, TSCA, MITI, etc.). In view of the above, our products have earned good reliability among our worldwide customers.

## 产品应用范围 Applications

本公司生产的特殊 ( 甲基 ) 丙烯酸酯类单体 (Acrylate Monomers)、丙烯酸酯低聚物 (Acrylate Oligomers)、反应型助引发剂 (Reactive Amine Synergists / Co-initiators ) 等系列产品, 主要应用在各种纸材上光油 (UV OPV)、木器底 / 面漆、塑料喷涂面漆 ( 尤其 3C 及手机 UV 面漆 ) 或 Hardcoat、塑料真空电镀底 / 面漆、CD 保护光油、DVD 粘合胶、光纤涂料及其油墨、各种印刷油墨 ( 凹版、柔印、平版、网印或喷墨等 )、PCB 用干膜 / 湿膜光刻胶或防焊绿漆、LCD 用彩色光阻剂或各种光学膜涂层 ( 增亮膜、扩散膜、硬化涂层等 )、光疗指甲油、UV 压敏胶、特殊光学胶 (OCA/LOCA) 及其他特殊用途 ( 例如 : 热塑性塑胶改性添加剂、纺织浆料改性添加剂、橡胶交联剂、3D 快速成型树脂、光学镜片成型、奈米压印等 )。

UV 固化产品的应用极为广泛, 不仅包括传统涂料、油墨、黏着胶业, 更早已跨足 3C 电子产业、LCD/LED 光学产业、触控产业及 3D 列印产业等, 更随着新行业诞生, 不断地拓展 UV 技术的应用领域。



Main applications of Eternal's photo-curable acrylate monomers and oligomers are including UV/LED clear overprint varnish on paper and board (UV OPV), UV sanding sealer/primer and topcoats on wood-floor and parquet, UV hardcoat for 3C application, UV VM coating on plastics, CD protective coatings and DVD bonding glue, UV coatings and inks on optical fiber, UV printing inks (e.g. gravure, flexo, offset, screen, and inkjet printing), gel nail polish, UV PSA, Dry/Wet film photo-resists and liquid photo-imageable solder mask(LPSM) on PCB, color filter photo-resists and functional films on display, optical adhesives (OCA&LOCA) for touch panel display, other specialty applications (e.g. Thermal plastic modifier, Texture sizing modifier, The cross-linker for rubber, 3D rapid prototyping resin, Optical molding lens, nanoimprinting, etc.).

The applications of photo-curing technology are extremely widespread to various industries such as coatings, ink, photoresist and, adhesive, electrics, optics, touch panel, and 3D printing. With the appearance of new UV technology, it will be constantly expanding more applications in near future.



## 特殊涂料 Specialty Coatings

由于紫外线光固化技术具有节省能源耗用，不含溶剂、低污染、易建立高效率自动化生产线降低成本，应用性能优异，是极具潜力的应用技术。特殊涂料以“UV 应用产品涂料”及“热固型真空电镀涂料”二大产品线为主轴，持续开发市场其他应用面需求的产品。



A Photo-curing system is a promising application technology with solid benefits including energy saving, low environmental pollution, cost-saving over highly automated production systems, and outstanding application potential. Specialty Coatings has products of UV coatings and thermal coatings which are developed for market needs.

### 产品应用范围 Applications

#### UV 印刷涂料:

- (1) 用于各类纸品上光，如标签纸、书籍月历封面、杂志、烟酒纸，以及各种包装盒、手提袋等纸类的上光。
- (2) 相关涂料，例如：PVC 地板、PVC 扣板、PE 软管、金银卡纸、转写纸 ... 等之表面涂料。

#### 真空电镀及溅镀底面漆：包括 UV 真空电镀及溅镀底面漆，热固型真空电镀涂料。

- (1) 化妆品行业：化妆瓶盖、粉饼盒... 等各种制品。
- (2) 3C 行业：手机外壳、按键、笔记型电脑、及家用电器 ... 等各种制品。

#### 车灯涂料：包括 UV 真空电镀及溅镀底面漆，热固型真空电镀涂料。

- (1) BMC、PBT、PC、ABS 材质 UV 真空电镀底面漆。
- (2) BMC、PBT、PC、ABS 材质热固型真空电镀底面漆。

#### 薄膜涂料：包括 UV 薄膜涂料及热固型薄膜涂料。

- (1) 光学膜：偏光膜、扩散膜、增亮膜涂料。
- (2) 加硬膜 (PET, PMMA, PC 强化)：汽车隔热膜、保护贴、触控面板涂料。
- (3) 真空电镀膜：雷射膜、烟酒包装膜、家电膜涂料。
- (4) 热固型薄膜：金银丝、转写纸 ... 等之表面涂料。

#### 有色涂料：包括 UV 涂料及热固型涂料。

- (1) 塑胶涂料应用于 3C (AC、PU) 手机外壳、笔记型电脑之色漆。
- (2) 镁铝合金涂料 (底漆、面漆、金油) 应用于手机外壳、笔记型电脑之色漆。
- (3) 其他特殊涂料 (如防手汗及 Hard Coatings) 等。

#### 光盘涂料：光碟片之 CD/DVD/CD-R/DVD-R/BD 列产品之保护胶及黏合胶。

#### UV 型金属涂料：COIL COATING、CAN COATING、雨刷等金属涂料。

#### 黏着胶：各类基材光固化黏着胶。



#### **UV printable ink and coating:**

- (1) Labeling, Art paper, Magazine, Handbag cigarette & Wine packaging.
- (2) PVC floor, PVC sheet, PE tube, Hot stamping paper, Transfer print paper, etc.

#### **Vacuum Metallization & Sputtering Coating:**

Include UV vacuum metallization & Sputtering primer & Top Coating; Thermal vacuum metallization & Sputtering coating.

- (1) Cosmetic industry: cosmetic containers and covers etc.
- (2) Electronic industry: Mobile phone Case/Keypad/Laptop/Household Appliances etc.

#### **Coatings for Car Lamp:**

- (1) UV-curable heat-resistant vacuum metalizing basecoat and topcoat applied to car lamp substrate including ABS、PC、PBT and BMC.
- (2) Thermally curable heat-resistant vacuum metalizing basecoat and topcoat applied to car lamp substrate including ABS、PC、PBT and BMC.

#### **Film coating: UV Film Coating & Thermal Setting**

- (1) Optical film: polarizing film, diffusion barrier, and brightness enhancement film.
- (2) PET, PMMA, PC enhanced film: Automobile heat-insulating film, protective film, and touch panel coating.
- (3) VM film: laser film, cigarette & wine package film, and appliances coating.
- (4) Thermal setting: metallic, decalomania paper surface coating.

#### **Color coating: including photo-type and thermal-type coatings**

- (1) Color coating on plastic substrates of mobile phones and laptops etc.
- (2) Color coating on Mg-Al substrate (primer, color coating, varnish) is applied on mobile phones and laptops.
- (3) Other specialty coatings (such as anti-hand perspiration and hard coating).

**Optical disc coating:** CD/CD-R Lacquer& DVD/DVD-R Bonding glue: BD cover layer/ hard coating

UV type of metal coating: UV pipe coating, can coating, and coil coating.

Adhesive: Different substrates adhesive by UV curing.

## 有机硅相关材料 Silicone-base Materials



有机硅相关材料是一类结构独特、兼具有机和无机双重特性的化工新型材料，具有热稳定性、耐候性、抗水性、生理惰性、耐化学腐蚀性、绝缘等优异特点，为欧、美、日等国际大厂的产品发展方向，极具市场应用潜力。有机硅相关材料生产线以“有机硅微球”、“改性有机硅”与“有机硅树脂 / 封装胶”等为核心技术，持续开发满足不同市场应用需求的有机硅材料。

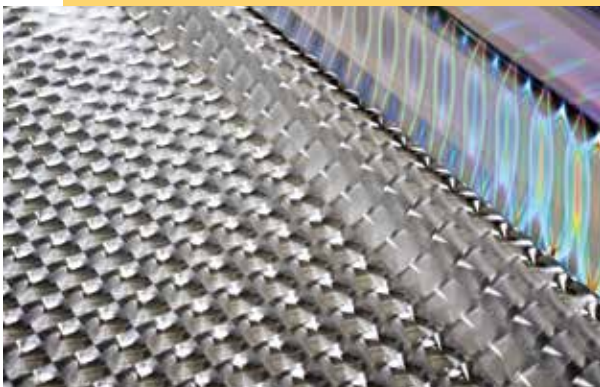
(1)有机硅微球包含: DF 系列光扩散剂, WJ 系列化妆品级有机硅微球, GP 系列涂料手感剂。

目前可以提供不同粒径及粒径分布之产品,可依据不同客户要求规格、特性,提供完美的解决方案,并根据市场发展趋势不断开发各种高性能之产品,帮助我们的客户提高其产品竞争力。现有珠海和上海两处生产基地,搭配全自动控制生产设备,为客户提供稳定优质之产品。

(2)改性有机硅产品包含: 聚醚改性聚硅氧烷共聚物、聚酯改性聚硅氧烷

共聚物、环氧官能团改性聚硅氧烷共聚物、羟烷基官能团改性聚硅氧烷共聚物、丙烯酸酯改性聚硅氧烷共聚物等。

(3)有机硅树脂 / 封装胶: 适用于 Mini LED、micro LED、一般 LED 封装、COB LED 封装等应用的硅材料封装胶。有机硅封装胶包含甲基型 (低折射率 ~1.41)、苯基型 (高折射率 ~1.54) 硅胶封装胶。长兴开发的甲基型硅胶封装胶具有绝佳的耐候性、耐光性、抗裂性,以及低翘曲、低表面沾黏性、低收缩性、低光衰等特性,适合用在诉求高稳定性及高寿命的电子产品或车载产品上,例如 mini LED 背光模组、车载 mini LED 显示器等。而长兴生产的高折射率苯基型硅胶封装胶,则具有高硬度易切割、高出光效率等特点。例外,长兴有机硅团队也有围坝胶可供客户搭配使用,应用于 COB、PCB、玻璃基板等围坝材料。



Silicon-based material is a kind of new material with organic and inorganic characteristics due to special chemical characteristics. In the meanwhile, due to excellent thermal stability, weather durability, high water repellency, inert, chemical resistance, and excellent electrical insulation performance, that can be widely used to develop new applications by many global companies with a huge potential market. Eternal dedicates to developing new



materials to fulfill market demands, including “Silicone microsphere products”, “Modified silicone products”, and “Silicone resins”.

- (1) Silicone microsphere (or polymethylsiloxane) include light diffuser (DF series), functional powder for cosmetic (WJ series), and friction modifier for coating (GP series). Base on different specifications and traits required by customers, Eternal can customize silicone microsphere products with various particle sizes and provide integrated solutions. Furthermore, we would also like to assist to enhance customers' compatibilities with the continued development of high-performance products and provide in-time technical service. We have two production sites, the Zhuhai plant and the Shanghai plant that can produce high-quality products.
- (2) Modified silicone products contain polyether siloxane copolymer, Polyester siloxane copolymer, Epoxy-functional modified siloxane copolymer, Hydroxy-functional modified siloxane copolymer, and acrylate modified siloxane.
- (3) Silicone resin/encapsulation: Suitable for Mini LED/ Micro LED, general LED encapsulation, COB LED encapsulation, and other applications of silicones material encapsulation. Silicone encapsulants include methyl type (low refractive index  $\sim 1.41$ ) and phenyl type (high refractive index  $\sim 1.54$ ) silicone encapsulants. The developed methyl silicone encapsulant by Eternal Materials Co. Ltd has excellent heat resistance, reliability, sun-light resistance, crack resistance, low warpage, low surface tackiness, low shrinkage, and low light-output decay. It is especially suitable for high stability, high-performance, and long-life electronic products or automotive products, such as mini LED backlight modules, automotive mini LED displays, etc. The high refractive index phenyl type silicone encapsulant has the characteristics of high hardness, easy dicing, and high light extraction efficiency. Our team also has dam materials for customers to select. It can be used with COB, PCB, glass substrate, and others for a dam purpose.

## 产品应用范围 Applications

DF 系列光扩散剂，主要用于 LED 灯罩，LCD 背光源扩散膜 / 扩散板，防眩膜等。WJ 系列化妆品级有机硅微球广泛用于彩妆和护肤产品当中，例如粉饼、蜜粉、BB 霜、口红、润肤乳、粉底液、睫毛膏等。GP 系列主要用于手感漆中，提供特殊的丝滑手感。

改性有机硅系列产品，主要用于上光油、木器和家具涂料、工业涂料、汽车漆、印刷油墨、胶粘剂等领域，起到促进流平、滑爽、改善润湿、抗粘连、耐污等作用。有机硅树脂 / 封装胶系列产品，提供优异的封装保护效果，主要产品应用范围为 mini LED 背光模组封装胶、mini LED RGB 直接显示器封装胶、micro LED 显示器封装胶、车载用 mini LED / micro LED 显示器、一般 LED 用封装胶、COB LED 封装胶、UV-A LED 封装等。

DF series of the light diffuser is mainly used in LED light cover, diffusing plate/ film of LCD backlight unit and anti-glare film. A WJ series of functional powder is widely utilized in color cosmetics and skincare products, such as pressed powder, foundations, BB cream, lipstick, body lotion, liquid foundations, and mascara. A GP series of friction modifiers are employed in touch coating to provide a silky feel.

Modified silicone products provide good performance on improving flow, leveling, slipping, substrate wetting, scratch resistance, anti-blocking, and anti-graffiti abilities. Therefore, they can be widely used in clear overprint varnish, wood furniture coatings, industrial coatings, automobile coatings, printing inks, and adhesives.

Silicone resin/encapsulation products provide excellent encapsulate protection. The main applications of our silicone encapsulant are mini LED backlight module encapsulation, mini LED RGB direct display encapsulation, micro-LED display encapsulation, and mini LED/micro LED for automotive display, general LED encapsulation, COB LED encapsulation, UV-A LED encapsulation, etc.

## 生产基地 Production Sites

### 台湾 / 高雄 Kaohsiung / Taiwan 路竹厂

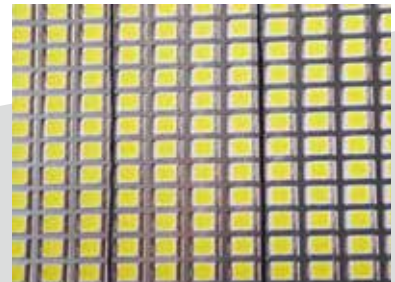
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# Electronic Materials

## 电子材料产品



### 积层材料

### Laminate Materials

覆铜箔积层板（包含 CEM-1 环氧树脂复合铜箔积层板、纸基材酚醛树脂铜箔积层板、未覆铜箔之酚醛树脂绝缘板、电木板）是现今家电及民生消费性电子周边产品的关键材料。配合市场需求演变，在既有技术领域更深入开发精密银 / 铜胶贯孔材料及环保材料，提升产品的应用层级。全厂采用自动化设备，生产流程皆符合 ISO9001、ISO14001 及 OHSAS18001 规定，所有产品荣获 UL、BSI、VDE、JET 及 CQC 等多项国内外安规认证许可。『注重服务品质、掌握客户需求』是长兴最基本的行销理念，并以满足客户需求为优先，取得市场领导地位和带动长兴快速发展。





Laminate Materials ( including CEM-1 CCL , paper phenolic CCL , phenolic insulation board without copper , bakelite ) is the primary material for household appliances, information and telecommunications peripheral devices. In the pursuit of market trends, it develops copper / silver through hole materials and environmental-friendly materials to upgrade the application of the products. The production processes are fully automated and have received UL, BSI, VDE, JET,CQC, ISO9001, ISO14001 and OHSAS 18001 Certifications. "Focusing on service quality and grasping the customer's need" is the primary marketing concept of the company. All the production technology and manufacturing development are based on the needs of our customers.

### 产品应用范围 Applications

产品应用范围为计算机、电话机、液晶 / 电浆电视与高阶遥控器等高级家电、键盘、滑鼠、数位式多用途光碟机等资讯周边产品、LED 及传统照明电源驱动板等各类电器用印刷电路板制作基材。

Laminate Materials can be used as the base material for the electric appliances (including telephone, LCD/ Plasma TV, keyboard, DVD/ Blue-ray player, remote controller, LED inside power board.....etc).

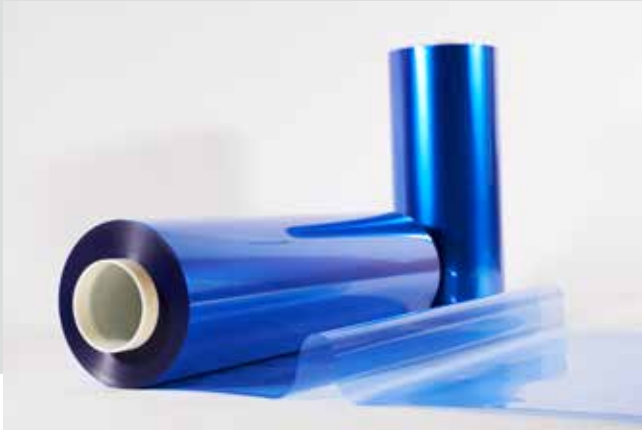
## 光阻材料、真空压膜机、精密涂布代工 Photoresist Materials, Vacuum Laminator and Toll Coating Service

长兴多年来以全球布局、在地经营之发展策略，结合配方设计、精密涂布技术与全球产销通路之核心能力，长期深耕印刷电路板产业，透过台湾、中国、日本、美国、欧洲及东南亚等地之生产据点与销售网络，以优异的产品品质、技术服务及弹性快速的供货能力，深获客户之青睐与肯定，为全球干膜光阻产品主要领导供应商之一。2013年起更新增真空压膜机业务，可进一步提供材料与设备整合之全方位解决方案，服务客户。而鉴于各类电子产品对于高机能精密膜材产品之需求日趋增加，近年来以累积多年之精密涂布制程技术与经验，积极投入精密涂布代工业务，与业界共同发展高值化的涂布产品，服务客户涵盖电子、平面显示器、触控面板及光电等产业。

Eternal has focused on formula design, precision coating technology and set up worldwide supply chains as our global strategy. We've strived for PCB industry market in years with our commitment to offer customers high-quality products through our distribution center and production facilities in Taiwan, China, Japan, United States, Europe and South East Asia. We're able to provide in-time technical service and rapid logistic capability over the past years, Eternal has developed itself into one of the world's main leading suppliers of Dry Film Photoresist. In 2013, we devoted into vacuum lamination business, looking to offer customers with further total solution in both materials and equipments.

Based on increasing demand on electronic products with functional precision film materials, we're aggressively offering customers toll coating service with our abundant experiences and technology in precision coating. Our customers varied in electronic industry, LCD industry, touch panel industry, optical industry and so on. We look forward to cooperate with industries and develop advanced coating products.





## 产品应用范围 Applications

- (1) 干膜光阻剂：
 

应用于印刷电路板、导线架、IC封装、平面显示器ITO、金属蚀刻及玻璃喷砂…等影像转移制程，做为线路蚀刻或电镀阻剂。另可配合客户特殊需求进行客制化之产品设计开发。
- (2) 干膜防焊光阻剂：
 

主要应用于软 / 硬式印刷电路板、IC 载板和其他硬板等精密外层之线路保护，属永久性材料。
- (5) 液态 UV 硬化型文字油墨：
 

用于印刷电路板网板印刷制程，适用于双面及多层板之文字与图形标示印刷。
- (4) 液态感光型与干膜感光型聚醯亚胺材料：
 

应用于半导体工业上之钝化膜、应力缓冲膜、干式蚀刻防护罩及微机电与层间绝缘膜等。
- (5) 真空压膜机：
 

应用于 IC 封装用载板、软性电路板 FPC, NCF, LED 等相关制程上。以独家薄膜搬运技术与真空压膜模组，整合热压系统等附属设备一体化，以提高生产效率，兼顾基板压合精准度与产能，可将各种构装用薄膜材料以真空压膜之方式，对各种细线路与导通孔之载板表面能达成高填覆性压合，以及使用高精密度热压方式对于各式载板在压合后能维持均一之厚度与表面平整性。
- (6) 精密涂布代工：
 

超过 30 年精密涂布经验，涂布制程能力如下：

  - 涂布方式：Slot Die、Micro Gravure、Multilayer Coater…等
  - 涂布宽幅：0.3M ~ 2.3M
  - 涂布膜厚：50 Nanometer ~ 250 Micrometer
  - 涂布基材：PET、铜箔、铝箔…等
  - 涂布胶液：溶剂、水性系统
  - 黏度范围：1 ~ 20000 cps
  - 无尘等级：Class 100/1000/10000

进一步讯息，请参阅 <http://www.r2rcoating.com>

- (1) Dry Film Photoresist Material acts as either etching resist or plating resist, are commonly used in the image transference processes of the PCB industry, Lead Frame industry and IC substrate and LCD industry (ITO/Metal etching and glass etching...etc). With a strong R&D and manufacturing capability, Eternal is well equipped to meet customers' special application requirements.
- (2) Dry film photoimageable Solder Mask used for the FPC/Multi-PCB \ IC substrate or other Rigid-Board in the manufacturing process of photolithography industry, DFMS can be Laminated on the board, exposed to the pattern and developed to provide openings in the pattern for parts to be soldered to the copper pads.
- (3) Liquid UV curable marking ink of screen printing property with high resolution, the coating cured ink featuring excellent adherence and heat resistance.
- (4) Liquid type photosensitive and Dry Film photosensitive polyimide materials applied to passivation layer, buffer layer, and  $\alpha$ -particle barrier, dry-etch mask, micro-electro-mechanical system (MEMS) and interlayer dielectrics in the semiconductor manufacturing industry.
- (5) Vacuum Laminator mainly applies on IC PKG substrate, and other applications like FPC, NCF, LED materials lamination. Vacuum Laminator is developed by applying the original carrier film system technology and the high precision hot press system technology to our conventional diaphragm type vacuum laminator, which can meet both high processing precision and mass production requirement. Diaphragm type vacuum laminator provides excellent conformation of various build-up materials to fine patterns and various via holes. In addition, high precision hot press unit provides uniform thickness and surface flatness.
- (6) Toll Coating Service:  
 With over 30 years of precise coating experience, our coating capability is as follows :  
 Coater: Slot Die \ Micro Gravure \ Multilayer Coater...etc.  
 Substrate Width: 0.3M ~ 2.3M  
 Substrate Thickness: 50 Nanometer ~ 250 Micrometer  
 Substrate: PET Film \ Copper Foil \ Aluminum Foil...etc.  
 Lacquer: Solvent \ Aqueous  
 Viscosity: 1 ~ 20000 cps  
 Cleanness of Coating Booth: Class 100/1000/10000  
 For further information, please visit <http://www.r2rcoating.com>



## 生产基地 Production Sites

台湾 / 高雄 Kaohsiung/Taiwan  
大发厂

长兴材料工业股份有限公司  
Eternal Materials Co., Ltd.  
831 高雄市大寮区裕民街 30 号  
No.30, Yumin St., Taliaw District, Kaohsiung City 831, Taiwan (R.O.C.)  
TEL: +886-7-787-3645

台湾 / 高雄 Kaohsiung/Taiwan  
路竹厂

长兴材料工业股份有限公司  
Eternal Materials Co., Ltd.  
821 高雄市路竹区长兴路 22 号  
No.22, Changxing Rd., Luzhu District, Kaohsiung City 821, Taiwan, (R.O.C.)  
TEL: +886-7-696-3331

中国大陆 / 广东 / 广州 Guangzhou / Guangdong,China  
PM 华南厂 (一厂)

长兴 (广州) 光电材料有限公司  
Eternal Photo Electronic Materials (Guangzhou) Co., Ltd.  
510765 广东省广州市经济技术开发区东区东鹏大道 69 号  
No.69, Dongpeng Road, Eastern Zone, GETDD,Guangzhou, Guangdong 510765, China.  
TEL: +86-20-8226-4378

中国大陆 / 广东 / 广州 Guangzhou / Guangdong,China  
PM 华南厂 (二厂)

长兴 (广州) 光电材料有限公司  
Eternal Photo Electronic Materials (Guangzhou) Co., Ltd.  
510535 广东省广州市高新技术产业开发区科学城瑞和路 8 号  
No. 8, Ruihe Road, Science City, New and High Technology Industrial Development Zone, Guangzhou, Guangdong 510535, China.  
TEL: +86-20-3220-6688

中国大陆 / 江苏 / 苏州 Suzhou / Jiangsu, China  
PM 华东一厂

长兴电子 (苏州) 有限公司  
Eternal Electronic (Suzhou) Co., Ltd.  
215151 江苏省苏州市高新区浒墅关镇华桥路 2 号  
No.2, Huaqiao road, Xushuguan Town, SND, Suzhou, Jiangsu 215151, China.  
TEL: +86-512-6737-3188

中国大陆 / 重庆 Chongqing / China  
PM 重庆分条厂

长兴 (广州) 电子材料有限公司 重庆分公司  
Eternal Electronic Material (Guangzhou) Co., Ltd. Chongqing Branch  
408000 重庆市涪陵区涪陵工业园区标准化小区 B 区 7 号厂房  
No.7 building, Disctrict B, Fuling Industrial Park, Fuling District, Chongqing 408000, China.  
TEL: +86-23-7210-0066

中国大陆 / 辽宁 / 营口 Yingkou / Liaoning ,China  
PM 东北分条厂

长兴光电材料工业 (营口) 有限公司  
Eternal Photoelectric Material Industry (Yingkou) Co., Ltd.  
115002 辽宁省营口市沿海产业基地新海大街 102 号  
No. 102 Xinhai Street, Coastal Industrial Base , Yingkou Liaoning 115002, China.  
TEL: +86-417-293-5000

美国 / 维吉尼亚州 Virginia /U.S.A.  
PM 美国厂

Eternal Technology Corporation  
1800 Touchstone Road, Colonial Heights, Virginia 23834, U.S.A.  
TEL: +1-804-524-8555

日本 / 埼玉县 Saitama / Japan  
PM 日本儿玉厂

ニッコー・マテリアルズ株式会社  
Nikko-Materials Co., Ltd.  
200-11, Oaza Motohara, Kamikawamachi, Kodama-gun, Saitama-Pref, 367-0241, Japan  
TEL:+81-495-77-4581

日本 / 爱知县 Aichi / Japan  
PM 日本知立厂

ニッコー・マテリアルズ株式会社  
Nikko-Materials Co., Ltd.  
3-1 Kofukada, Shimbayashi-cho, Chiryu-shi, Aichi 472-0017, Japan  
TEL:+81-566-82-6011

泰国 / 曼谷 Bangkok/ Thailand  
PM 泰国分条厂

长兴电子材料 (泰国) 有限公司  
Eternal Electronic Material (Thailand) Co., Ltd.  
335/8 Moo 9 Bangna-Trad Rd. KM19, Tambol Bangchalong, Amphur Bangplee, Samutprakarn 10540, Thailand  
TEL: +66-2-750-9086

欧洲 / 米兰 Milan/ Italy  
ELGA

Elga Europe S.R.L.  
Via della Merlata no.8, Nerviano, Milan, Italy 20014  
TEL: +39-0331-586947

# Biomedical Materials

## 生医材料产品



### 体外检测试剂 In vitro detection (IVD) reagents

长兴研发团队立基于自产关键生医原料，开发出快速诊断试片及核酸检测试剂产品。除展现长兴从原料到产品的研发能力，所开发体外检测产品已取得国际 / 国家认证，可提供客户产品设计开发及代工生产的完整解决方案。长兴已于汐止生产基地建置 GMP 厂房及自动化试剂产线，提供客户优质稳定的产品。

The Eternal R&D team has developed rapid diagnostic test strips and nucleic acid detection reagents based on self-produced key biomedical materials. In addition to showing our capabilities from raw materials to products, our IVD products have obtained international/national certification, and can provide customers with total solutions for product design, development and OEM production. Eternal has built a GMP plant and automated reagent production line in the Xizhi plant to provide customers with high-quality and stable products.

#### 产品应用范围 Applications

- (1) 传染病病原检测
- (2) 免疫反应检测
- (3) 核酸检测

- (1) Infectious disease detection
- (2) Immune response testing
- (3) Biochemical testing



## 生医原料 Biomedical materials

长兴研发生医原料拓展生医领域布局，涵盖各种酵素、重组蛋白、及单株抗体等。所生产的原料成功打入生医供应链，酵素及蛋白品项已取得 ISO13485 医材品质系统认证。以微生物发酵 / 细胞培养技术为主轴，持续拓展生医原料的各种应用市场。

Eternal develops biomedical materials to expand the layout of the biomedical field, covering various enzymes, recombinant proteins, and monoclonal antibodies. The products have successfully entered the biotechnology supply chain, and the enzyme and protein products have obtained the certification of ISO13485 medical devices quality management system. Focusing on microbial fermentation/cell culture technology, we will continue to expand various application markets for biomedical materials.



### 产品应用范围 Applications

- |                |                                |
|----------------|--------------------------------|
| (1) 酵素 / 重组蛋白质 | (1) Enzyme/Recombinant Protein |
| 分生检测           | Molecular biological testing   |
| 生化检测           | Biochemical testing            |
| 免疫检测           | Immunoassay                    |
| 病原体蛋白标准品       | Pathogen protein standards     |
| (2) 单株抗体       | (2) Monoclonal antibodies      |
| 疾病病原检测         | Pathogen detection             |
| 科研应用           | Scientific research            |

### 生产基地 Production Sites

台湾 / 汐止 Xizhi/Taiwan

汐止厂

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

221 新北市汐止区新台五路一段 99 号 31 楼之 1

31F-1, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

TEL: 886-2-2697-6228



# Chronology

## 长兴大事纪

- 1964** ● 成立于台湾高雄市，初期资本额订为新台币 80 万元整
- 1965** ● 高雄建厂完工并开始生产醇酸树脂产品
- 1973** ● 路竹厂完工并完成迁厂
- 1985** ● 路竹电路板厂完工并开始生产
- 1988** ● 路竹聚苯乙烯厂完工开始生产
  - 于屏东与荷兰 DSM Resins BV 合资设立“帝兴树脂股份有限公司”
- 1989** ● 路竹特殊单体厂完工并开始生产
- 1990** ● 大发干膜光阻剂厂完工并开始生产
  - 荣获全国工业总会 -- 绩优厂矿之新产品开发奖 (特殊单体)
- 1992** ● 荣获全国工业总会 -- 绩优厂矿之新产品开发奖 (干膜光阻)
- 1993** ● 路竹不饱和聚酯树脂自动化新厂完工并开始生产
  - 荣获经济部产业科技发展奖之优等奖
- 1994** ● 大发液态光阻剂厂完工并开始生产
  - 本公司股票于 1994 年 3 月 31 日于台湾证券交易所挂牌上市
  - 通过法国 BVQI ISO9002 国际标准品质管理系统验证
- 1995** ● 通过商检局及法国 BVQI ISO9001 国际标准品质管理系统验证
  - 荣获经济部产业科技发展奖之杰出奖
  - 于中国大陆江苏投资设立“长兴化学工业(中国)有限公司”
  - 路竹电路板厂扩建全自动化新厂完工并开始生产
  - 于中国大陆广东投资设立“长兴(广州)化学工业有限公司”
- 1996** ● 于日本投资设立“长兴化学工业株式会社”
  - 于中国大陆江苏投资设立“长兴电子材料(昆山)有限公司”
- 1997** ● 于美国投资设立“Eternal Corporation of America”
  - 于中国大陆江苏与荷兰 DSM Resins BV 合资设立“帝兴树脂(昆山)有限公司”
  - 荣获全国工业总会 -- 绩优厂商之新产品开发奖 (影像材料)
- 1998** ● 于中国大陆上海投资设立“长兴科技(上海)有限公司”
- 1999** ● 于美国投资设立“Eternal Technology Corporation”
  - 于中国大陆上海投资设立“上禾国际贸易(上海)有限公司”
  - 环氧树脂封装材料(EMC)正式上市
- 2000** ● 通过 BVQI ISO14001 国际标准环境管理系统验证
  - 于中国大陆江苏投资设立“长兴光电材料工业(昆山)有限公司”
  - 于中国大陆广东投资设立“长兴化学工业(广东)有限公司”
  - 美国干膜光阻剂厂正式投产
  - 化学机械研磨剂(CMP)正式上市
- 2001** ● 于中国大陆广东投资设立“长兴(广州)电子材料有限公司”
  - 路竹厂光电大楼完工
  - 于中国大陆广东投资设立“昌禾国际贸易(广州保税区)有限公司”
  - 荣获经济部第九届产业科技发展最高荣誉 - 卓越成就奖
  - 大发厂光阻事业部通过 QS9000 认证
- 2002** ● 长兴研究所成立『显示器材料专案组』，加速开发光电材料
- 2003** ● 获经济部技术处核准成立『研发创新中心』
  - 美国子公司 Eternal Technology Corporation 购并 Shipley Company L.L.C. DF 产品线
  - 于中国大陆广东投资设立“长兴化学材料(珠海)有限公司”
  - 于中国大陆广东投资设立“长兴(广州)精细涂料有限公司”
  - 于南科高雄园区投资设立“长兴开发科技股份有限公司”
- 2004** ● 于中国大陆江苏投资设立“长兴感光液材料(昆山)有限公司”
  - 荷兰 COGNIS B.V. 公司投资“长兴化学材料(珠海)有限公司”，持股百分之十
- 2005** ● 荣获工研院开放实验室 / 创业育成中心 NBIA 国际育成大奖
- 2006** ● 于中国大陆江苏投资设立“长兴光学材料(苏州)有限公司”
  - 于中国大陆江苏投资设立“长兴合成树脂(常熟)有限公司”

- 于新竹与友达集团合资成立“长兴材料股份有限公司”
- 于中国大陆广东投资设立“长兴(广州)光电材料有限公司”

**2007** ● 于中国大陆上海投资设立“创兴精细化学(上海)有限公司”

- 荣获经济部台湾奈米技术产业发展协会之第三届奈米产业科技菁英奖
- 于中国大陆辽宁投资设立“长兴光电材料工业(营口)有限公司”
- 大发厂光学材料事业部(更名膜材料事业部)通过 BVQI ISO9001 及 ISO14001 认证

**2008** ● 于泰国投资取得“长兴电子材料(泰国)有限公司”，持股百分之七十五

- 于荷兰投资设立“Eternal Chemical Europe B.V.”
- 荣获台湾化学科技产业协进会 2008 年台湾化学科技产业菁英奖暨产品创新奖之产业贡献奖
- 荣获经济部颁发“创业四十年以上历史悠久厂商”

**2009** ● 过法国 BVQI TOSHMS/OHSAS18001 职业安全卫生管理系统验证

- 荣获经济部第十届全国标准化奖
- 于中国大陆天津投资设立“长兴化学(天津)有限公司”
- 于南科高雄园区与阳光工业股份有限公司等合资设立“长阳开发科技股份有限公司”

**2010** ● 荣获经济部第十八届产业科技发展 - 杰出创新企业奖

- 于日本与“三菱树脂株式会社”合资设立“高新 PETFILM 投资株式会社”转投资大陆地区

**2011** ● 通过法国 BVC ISO14064-1 组织层级温室气体排放量查证(查证年度: 2005 年)

- 于中国大陆上海投资设立“长兴(中国)投资有限公司”
- 于中国大陆江苏投资设立“长兴电子(苏州)有限公司”
- 于中国大陆四川投资设立“长兴化学工业(成都)有限公司”
- 获行政院卫生署国民健康局颁发“健康促进标章”

**2013** ● 于日本投资取得“Nichigo-Morton Co., Ltd.”，持股百分之一百

- 于日本东京兴建新大楼 - 长兴馆
- 通过台湾 BV 公司授与产品碳足迹查证声明书(三羟甲基丙烷三丙烯酸酯、内/外墙涂料树脂和干膜光阻)
- 于中国大陆江苏与日本山樱化研株式会社合资设立“长鼎电子材料(苏州)有限公司”
- 于义大利投资取得“Elga Europe S.R.L.”，持股百分之三十五
- 荣获经济部颁发“第二届卓越中坚企业奖”

**2014** ● 于中国大陆江苏投资设立“长兴化学材料(苏州)有限公司”

- 公司更名为“长兴材料工业股份有限公司”
- 于高雄与至美电器股份有限公司合资成立“兴美电子股份有限公司”

**2015** ● 于香港与 Allnex S.á r.l. 合资成立“长新树脂有限公司”

- 于中国大陆与昭和电工株式会社合资成立“昭和电工新材料(珠海)有限公司”
- 于马来西亚与 Tong Seng Holdings Ptd. Ltd. 合资成立“长兴材料(马来西亚)有限公司”
- 于澳洲投资取得基亚生技(股)公司关系企业 TBG Giagnostics Limited 之 18.48% 股权
- 荣获劳动部颁发“人力发展品质管理系统(TTQS)企业机构版金牌”

**2017** ● 于意大利投资取得“Elga Europe S.R.L.”，累计持股增加至百分之九十五

- 于中国大陆与浙江南洋科技股份有限公司合资成立“杭州永信洋光电材料有限公司”

**2018** ● 荣获科技管理学会颁发“科技管理奖”

- 于美国投资取得“Polymer Instrumentation and Consulting Services, Ltd.”，累计持股增加至百分之三十。

**2019** ● 荣获高雄市政府颁发“典范企业领航奖 - 卓越创新”

**2021** ● 于印尼投资设立“PT. Eternal Materials Indonesia”，持股百分之六十七。

# Chronology

## 长兴大事纪

- 1964** ● Eternal Chemical Co. Ltd. established in Kaohsiung, Taiwan with capital of NTD 800,000.
- 1965** ● Plant construction completed and coating resins launched in the market.
- 1973** ● Ceremony of Lu-Chu Plant held.
- 1985** ● Copper-Clad Laminates Plant completed at Lu-Chu Plant.
- 1988** ● Polystyrene launched in the market.  
● Joint venture with DSM Resins BV and DSM Resins (Far East) Co., Ltd established.
- 1989** ● Special monomer launched in the market.
- 1990** ● Dry film photoresist launched in the market.  
● Best performance manufacturer on new product R&D for Specialty Monomer products.
- 1992** ● Best performance manufacturer on new product R&D for Dry Film products.
- 1993** ● New unsaturated polyester resins computerized plant at Lu-Chu completed.  
● Outstanding Award for Industrial Technology Advancement granted by MOEA.
- 1994** ● Liquid photo-imaginable solder mask launched in the market.  
● Company listed on the Taiwan Stock Exchange on March 31.  
● Approved ISO9002 BVQI Certificate.
- 1995** ● Approved ISO9001 BVQI Certificate.  
● Excellent Award for Industrial Technology Advancement granted by MOEA  
● Eternal Chemical (China) Co., Ltd. established.  
● New Copper-Clad Laminates automated production line completed.  
● Eternal Chemical (Guangzhou) Co., Ltd. established.
- 1996** ● Eternal Chemical (Japan) Co., Ltd. established.  
● Eternal Electronic Materials (Kunshan) Co., Ltd. established.
- 1997** ● Eternal Corporation of America established.  
● Joint venture with DSM Resins BV and DSM Eternal Resins (Kunshan) Co., Ltd. established.  
● Best performance manufacturer on new product R&D for Image Material.
- 1998** ● Eternal Technologies (Shanghai) Co., Ltd. established.
- 1999** ● Eternal Technology Corporation (ETC) established.  
● Shanghe International Trading (Shanghai) Co., Let. established.  
● Epoxy molding Compound (EMC) launched in the market.  
● Approved ISO14001 BVQI Certificate.  
● Eternal Photoelectric Material Industry (Kunshan) established.
- 2000** ● Eternal Chemical (Guangdong) Co., Ltd. established.  
● Dry film at ETC launched in the market.  
● Chemical mechanical planarization (CMP) launched in the market.
- 2001** ● Eternal Electronic Material (Guangzhou) Co., Ltd. established.  
● Opto-electronics Building completed.  
● Changhe International Trading (GZFTZ) Co., Ltd. established.  
● Distinguished Award for Industry Technology Advancement, the highest honor granted by Ministry of Economic Affairs, Taiwan, R.O.C..  
● Approved QS9000 Certificate. (PM division).
- 2002** ● Eternal Research Center established Display Materials Project Group.
- 2003** ● Set up Industrial Technology Innovation Center approved by Ministry of Economic Affairs.  
● Eternal Technology Corporation merged Dry Film business of Shipley Company L.L.C., U.S.A..  
● Eternal Specialty Chemical (Zhuhai) Co., Ltd. established.  
● ESCO Specialty Coatings (Guahzhou) Co., Ltd. established.  
● Epoch Material Co., Ltd. established.
- 2004** ● ESCO Specialty Coatings (Kunshan) Co., Ltd. established.  
● A Netherlands Company, Cognis B.V., invested with 10% shares acquired in Eternal Specialty Chemical(Zhuhai) Co., Ltd..
- 2005** ● Honored NBIA International Incubation Award from Open Laboratory /Incubation Center of ITRI.
- 2006** ● Eternal Optical Material (Suzhou) CO., Ltd. established.

- Eternal Synthetic Resins (Changshu) CO., Ltd. established.
- AU Optronics Corp. and Eternal Chemical Co., Ltd. make Joint Venture to establish Daxin Materials Corporation.
- Eternal Photoelectric Materials (Guangzhou) Co., Ltd. established.
- 2007** ● ESCO Specialty Coatings (Shanghai) Co., Ltd. established.
- Award Innovation Elite Prize of Taiwan nanotechnology (Industry Award) by Taiwan Nanotechnology Industry Development Association.
- Eternal Photoelectric Material Industry (Yingkou) Co., Ltd. established.
- Optical Material Division approved for BVQI ISO9001 & BVQI ISO14001 certificate(Optical Material Division already renamed as Film Materials Division)
- 2008** ● Investment in Eternal Electronic Material (Thailand) Co., Ltd. with 75% shares.
- Eternal Chemical Europe B.V. established.
- Rewarded Industrial Contribution Prize in TCIA Industrial Excellent Award 2008.
- Awarded " Long-Standing Enterprise for 40-year upward " by Ministry of Economic Affairs, R.O.C.
- 2009** ● Approved TOSHMS/OHSAS18001 BVQI Certificate.
- Rewarded "National Standardization Award" by Ministry of Economic Affairs, R.O.C.
- Eternal Chemical (Tianjin) Co., Ltd. Established.
- Kwang Yang Motor Co., Ltd., Eternal Chemical Co., Ltd., etc, engage in Joint Venture to establish New E Materials Co., Ltd..
- 2010** ● Award Outstanding Enterprise Innovation Award by Taiwan Nanotechnology.
- Formed a joint venture, Advanced PETFILM Investment Co., Ltd, with Mitsubishi Plastics, Inc. for investment in China.
- 2011** ● Approved ISO14064-1 BVC Certificate (Cerification year: 2005).
- Eternal (China) Investment Co., Ltd. established.
- Eternal Electronic (Suzhou) Co., Ltd. established.
- Eternal Chemical (Chengdu) Co., Ltd. established.
- Awarded "Badge of Accredited Healthy Workplace" by Bureau of Health Promotion, Department of Healthy, R.O.C.(Taiwan).
- 2013** ● Investment in Nichigo-Morton Co., Ltd. with 100% shares.
- Chou-Kou Building completed in Japan.
- Approved PAS 2050:2011 BVC Verificate. (ETERMER 231 ,ETERSOL 3503,ETERTEC HT-312).
- Formed a joint venture, Eternal Sun A.(Suzhou)Co.,Ltd., with Sun A. Kaken Co.Ltd.
- Investment in Elga Europe S.R.L. with 35% shares.
- Award " Taiwan Mittelstand Award" by Ministry of Economic Affairs, R.O.C.
- 2014** ● Eternal Specialty Chemical (Suzhou) Co., Ltd. established.
- Eternal Chemical Co., Ltd. renamed as Eternal Materials Co., Ltd.
- Gemmy Electronics Co., Ltd. and Eternal Materials Co., Ltd. establish a joint Eternal Capatech Co., Ltd.
- 2015** ● Allnex S.á r.l. and Eternal Materials Co., Ltd. establish a joint venture Allnex-Eternal Resins Co., Ltd.
- SHOWA DENKO K.K. and Eternal Materials Co., Ltd. establish a joint venture SHOWA DENKO New Material (Zhuhai) Co., Ltd.
- Tong Seng Holdings Ptd. Ltd. and Eternal Materials Co., Ltd. establish a joint venture Eternal Materials (Malaysia)Sdn.Bhd.
- Investment in TBG Giagnostics Limited with 18.48% shares.
- Awarded Talent Quality Management System(TTQS) enterprise version Gold Medal by Ministry of Labor ,R.O.C.
- 2017** ● Investment in Elga Europe S.R.L. increase shares to 95%.
- Nanyang Technology Co., Ltd. and Eternal Materials Co., Ltd. establish a joint venture Hangzhou Yongxinyang Photoelectric Materials Co., Ltd.
- 2018** ● Awarded ochTechnology Management Award och by Chinese Society for Management of Technology.
- Investment in Polymer Instrumentation and Consulting Services, Ltd. to 30% of shares.
- 2019** ● Awarded ochEnterprise Innovation Award och by Kaohsiung City Government
- 2021** ● The Company established a joint venture PT.Eternal Materials Indonesia with a 67% stake.

# Global Service Network

## 全球销售据点

### 台湾 Taiwan

#### 胶黏剂树脂、涂料树脂

##### Adhesives Resins, Coatings Resins

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

807 高雄市三民区建工路 578 号

578 Jiangong Rd., Sanmin Dist., Kaohsiung City 807, Taiwan( R.O.C.)

TEL: +886-7-383-8181

FAX: +886-7-383-7956,+886-7-383-4208

E-mail: jim\_hsu@eternal-group.com

#### 不饱和聚酯树脂

##### Unsaturated Polyester Resins

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

807 高雄市三民区建工路 578 号

578 Jiangong Rd., Sanmin Dist., Kaohsiung City 807, Taiwan( R.O.C.)

TEL: +886-7-383-8181

FAX: +886-7-385-8622,+886-7-395-7120

E-mail: berlin\_chou@eternal-group.com

#### 丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料

##### Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

807 高雄市三民区建工路 578 号

578 Jiangong Rd., Sanmin Dist., Kaohsiung City 807, Taiwan( R.O.C.)

TEL: +886-7-383-8181

FAX: +886-7-383-7956,+886-7-383-4208

E-mail: kunhsiung\_chen@eternal-group.com

#### 积层材料

##### Laminate Materials

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

821 高雄市路竹区长兴路 22 号

No.22,Changxing Rd.,Luzhu Dist., Kaohsiung City 821, Taiwan( R.O.C.)

TEL: +886-7-696-3331

FAX: +886-7-697-3265

E-mail: andy\_yang@eternal-group.com

#### 光阻材料、真空压膜机、精密涂布

##### Photoresist Materials, Vacuum Laminator, Toll Coating Service

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

821 高雄市路竹区长兴路 22 号

No.22,Changxing Rd.,Luzhu Dist., Kaohsiung City 821, Taiwan( R.O.C.)

TEL: +886-7-696-3331

FAX: +886-7-697-3265

E-mail: andy\_yang@eternal-group.com

#### 医疗器材

##### Medical Device

长兴材料工业股份有限公司

Eternal Materials Co., Ltd.

221 新北市汐止区新台五路一段 99 号 31 楼之 1

31F-1, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan( R.O.C.)

TEL: 886-2-2697-6228

FAX: +886-2-2697-6229

E-mail: service\_bm@eternal-group.com

## 中国大陆 China

### 华东地区 East China

#### 胶黏剂树脂、涂料树脂、不饱和聚酯树脂 Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins

长兴化学(天津)有限公司青岛分公司  
Eternal Chemical (TianJin) Co., Ltd. Qingdao Branch  
266061 山东省青岛市崂山区苗岭路 36 号国发中心 B 座 1206 室  
Room 1206, Tower B, International Development Center, NO.36, Miaoling Road, Lao shan District, Qingdao, Shandong 266061, China  
TEL: +86-532-5571-6700  
FAX: +86-532-5571-6711  
E-mail: luj@eternal-group.com

#### 胶黏剂树脂、涂料树脂、不饱和聚酯树脂 Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins

长兴化学工业(中国)有限公司上海分公司  
Eternal Chemical (China) Co., Ltd. Shanghai Branch  
200233 上海市徐汇区宜山路 1397 号 A 栋 14 层 1402 室  
Room 1402, Floor 14, Building A, No.1397, Yishan Road, Shanghai 200233, China.  
TEL: +86-21-5490-2200  
FAX: +86-21-5490-2389  
E-mail: david\_lee@eternal-group.com

#### 不饱和聚酯树脂

##### Unsaturated Polyester Resins

长兴合成树脂(常熟)有限公司上海分公司  
Eternal Synthetic Resins (Changshu) Co., Ltd. Shanghai Branch  
200233 上海市徐汇区宜山路 1397 号  
No.1397, Yishan Road, Shanghai 200233, China.  
TEL: +86-21-6401-6137  
FAX: +86-21-5490-2395  
E-mail: walter\_lam@eternal-group.com

#### 丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料

##### Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials

长兴特殊材料(珠海)有限公司上海分公司  
Eternal Specialty Materials (Zhuhai) Co., Ltd. Shanghai Branch  
200233 上海市徐汇区宜山路 1397 号  
No.1397, Yishan Road, Shanghai 200233, China.  
TEL: +86-21-3367-1177  
FAX: +86-21-5455-1911  
E-mail: yan\_xiong@eternal-group.com

#### 丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料

##### Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials

长兴特殊材料(珠海)有限公司昆山分公司  
Eternal Specialty Materials (Zhuhai) Co., Ltd. Kunshan Branch  
215335 江苏省昆山市昆山开发区春旭路 188 号帝宝国际大厦 4 楼 404、405  
Room 404-405, Floor 4, DiBao International Building, No.188, Chunxu Road, Kunshan Development Zone, Jiangsu 215335, China.  
TEL: +86-512-5772-5455  
FAX: +86-512-5771-4687  
E-mail: jacky\_yang@eternal-group.com

#### 光阻材料

##### Photoresist Materials

长兴电子(苏州)有限公司  
Eternal Electronic (Suzhou) Co., Ltd.  
215151 江苏省苏州市高新区浒墅关镇华桥路 2 号  
No.2, Huaqiao Road, Xushuguan Town, SND, Suzhou, Jiangsu 2015151, China.  
TEL: +86-512-6737-3188  
FAX: +86-512-6737-2136  
E-mail: hobo\_zhang@eternal-group.com

#### 积层材料

##### Laminate Materials

长兴(中国)投资有限公司  
Eternal (China) Investment Co., Ltd.  
200233 上海市徐汇区宜山路 1397 号  
No.1397, Yishan Road, Shanghai 200233, China.  
TEL: +86-21-3367-1177  
FAX: +86-21-5445-1911  
E-mail: sam\_su@eternal-group.com

## 中国大陆 China

### 华中地区 Central China

**胶黏剂树脂、涂料树脂、不饱和聚酯树脂**  
Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins

长兴化学工业(中国)有限公司武汉分公司  
Eternal Chemical (China) Co., Ltd. Wuhan Branch

430030 湖北省武汉市汉口区宝丰路1号湖北商务大楼  
2501~2502室  
Room 2501-2502 Hubei Business Building, 1 Baofeng Road, Hankou Zone, Wuhan, Hubei 430030, China  
TEL: +86-27-8364-3112  
FAX: +86-27-8364-3112  
E-mail: david\_lee@eternal-group.com

**丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料**

Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials

长兴特殊材料(珠海)有限公司长沙分公司  
Eternal Specialty Materials (ZhuHai) Co., Ltd. Changsha Branch

410000 湖南省长沙市岳麓区金星大道88号钰龙天下写字楼3栋3112-3113室  
Room 3112-3113, Yulong World Office Building, 88 Venus Avenue, Yuelu District, Changsha City, Hunan 410000, China.  
TEL: +86-731-8444-3766  
FAX: +86-731-8444-3765  
E-mail: apollo\_sun@eternal-group.com

### 西南地区 Southwest China

**胶黏剂树脂、涂料树脂、不饱和聚酯树脂**  
Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins

长兴化学工业(成都)有限公司高新分公司  
Eternal Chemical (Chengdu) Co., Ltd. Gaoxin Branch

610095 四川省成都市天府大道中段天府四街66号航兴国际广场2号楼1405室  
Room 1405, Building 2, Hangxing International Plaza, No. 66, Tianfu 4th Street, Central Tianfu Avenue, Chengdu, Sichuan 610095, China  
TEL: +86-28-8533-1086  
FAX: +86-28-8533-1158  
E-mail: dongsk@eternal-group.com

**光阻材料**

Photoresist Materials

长兴(广州)电子材料有限公司重庆分公司  
Eternal Electronic Material (Guangzhou) Co., Ltd. Chongqing Branch

408000 重庆市涪陵区涪陵工业园区标准化小区B区7号厂房  
No.7 building, District B, Fuling Industrial Park, Fuling District, Chongqing 408000, China.  
TEL: +86-23-7210-0066  
FAX: +86-23-7210-0011  
E-mail: chiahsing\_kuo@eternal-group.com

**胶黏剂树脂、涂料树脂、不饱和聚酯树脂、丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料**

Adhesives Resins, Coatings Resins, Unsaturated polyester Resins, Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials

长兴化学工业(成都)有限公司重庆分公司  
Eternal Chemical (Chengdu) Co., Ltd. Chongqing Branch

400020 重庆市江北区红黄路10号华创国际商务酒店2115-2116室  
Room 2115-2116, Huachuang International Commercial Hotel, No.10, Honghuang Road, Jiangbei Zone, Chongqing 400020, China  
TEL: +86-23-8911-9162  
FAX: +86-23-8911-9265  
E-mail: dongsk@eternal-group.com

## 中国大陆 *China*

### 华南地区 *South China*

#### 通用树脂、涂料树脂、不饱和聚酯树脂

**General Purpose Resins, synthetic Resins for Coatings, Unsaturated polyester Resins**

长兴材料工业 (广东) 有限公司广州分公司

Eternal Materials (Guangdong) Co., Ltd. Guangzhou Branch

510623 广东省广州市天河区华夏路 28 号富力盈信大厦 2212 室

Room 2212, FuLi Building, No. 28 Huaxia Road, Tianhe District, Guangzhou 510623, China

TEL: +86-20-8560-8003

FAX: +86-20-8560-8005

E-mail: colin\_lin@eternal-group.com

#### 丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料

**Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials**

长兴特殊材料 (珠海) 有限公司广州分公司

Eternal Specialty Materials (Zhuhai) Co., Ltd. Guangzhou Branch

510535 广东省广州市高新技术产业开发区科学城瑞和路 8 号

No. 8, Ruihe Road, Science City, High and New Technology Industrial Development Zone, Guangzhou 510535, Guangdong, China.

TEL: +86-20-8226-7271

FAX: +86-20-8226-4669

E-mail: jerry\_wu@eternal-group.com

#### 胶黏剂树脂、涂料树脂、不饱和聚酯树脂

**Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins**

长兴材料工业 (广东) 有限公司厦门分公司

Eternal Materials (Guang Dong) Co., Ltd. Xiamen Branch

361022 厦门市集美区杏林湾路 474 号杏林湾营运中心 2 号楼 1610 室

Room 1610, No.2 Building of Xinglin-Bay Business Park, No.474 Xinglin-Bay Road, Jimei District, Xiamen, Fujian 361022, China.

TEL: +86-592-2963-066

FAX: +86-592-2963-068

E-mail: colin\_lin@eternal-group.com

#### 光阻材料、真空压膜机、精密涂布代工

**Photoresist Materials, Vacuum Laminator, Toll Coating Service**

长兴 (广州) 光电材料有限公司

Eternal Photo Electronic Materials (Guangzhou) Co., Ltd.

510535 广东省广州市高新技术产业开发区科学城瑞和路 8 号

No. 8, Ruihe Road, Science City, High and New Technology Industrial Development Zone, Guangzhou 510535, Guangdong, China.

TEL: +86-20-3220-6688

FAX: +86-20-3220-3226

E-mail: chiahsing\_kuo@eternal-group.com



## 中国大陆 *China*

### 华北地区 Northeast China

#### 丙烯酸酯单体 & 丙烯酸酯低聚物、特殊涂料、有机硅相关材料

Acrylate Monomers & Acrylate Oligomers, Specialty Coating,  
Silicone-base Materials

长兴特殊材料(珠海)有限公司天津分公司

Eternal Specialty Materials (Zhuhai) Co., Ltd. Tianjin Branch

300190 天津市南开区红旗路 220 号慧谷大厦 1711 室

Room 1711, Huigu Building, 220 Hongqi Road, Nankai District, Tianjin,  
300190, China.

TEL: +86-22-8763-0051

FAX: +86-22-8763-0052

E-mail: shengsong\_wang@eternal-group.com

#### 通用树脂、涂料树脂、不饱和聚酯树脂

General Purpose Resins, Synthetic Resins for Coatings,  
Unsaturated Polyester Resins

长兴化学(天津)有限公司南开分公司

Eternal Chemical (Tianjin) Co., Ltd. NanKai Branch

300190 天津市南开区红旗路 220 号慧谷大厦 1711 室

Room 1711, Smart Valley Building, No.220, Hongqi Road, Nankai District,  
Tianjin 300190, China

TEL: +86-22-8763-0036

FAX: +86-22-8763-0038

E-mail: luj@eternal-group.com

#### 光阻材料

Photoresist Materials

长兴光电材料工业(营口)有限公司

Eternal Photoelectric Material Industry (Yingkou) Co., Ltd.

115002 辽宁省营口市沿海产业基地新海大街 102 号

No.102 Xinhai Street, Coastal Industrial Base, Yingkou, Liaoning 115002,  
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## 日本 Japan

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**Coatings Resins, Unsaturated Polyester Resins, Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials, Laminate Materials**

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**光阻材料、真空压膜机**

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## 越南 Vietnam

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**Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins, Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials, Laminate Materials**

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Coatings Resins, Unsaturated Polyester Resins, Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials

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Acrylate Monomers & Acrylate Oligomers, Specialty Coating, Silicone-base Materials, Adhesives Resins, Coatings Resins, Unsaturated Polyester Resins

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Materials, Coatings Resins

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