

CODE : 1735 (since 2002)

# Evermore Chemical

## - Present and the Future

Charles Huang GM  
2018.11.26



全方位客戶解決方案 **TOTAL SOLUTION**

2013 version

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## Contents

- Company Profile
- Products and Application
- Core Technology
- Future
- Ending

|                                                                                   |                                                    |                    |                                  |
|-----------------------------------------------------------------------------------|----------------------------------------------------|--------------------|----------------------------------|
|  | 日勝化工股份有限公司<br>EVERMORE CHEMICAL INDUSTRY CO., LTD. | Taiwan<br>(1989)   | PU、CLA<br>UV<br>monomer/oligomer |
|  | 東莞寶建高分子材料有限公司<br>Pou Chien Chemical CO., LTD.      | China<br>(2005)    | PU                               |
|  | 肯美特材料科技股份有限公司<br>CHEM-MAT TECHNOLOGIES CO., LTD.   | Taiwan<br>(2007)   | UV Curing Resin                  |
|  | 博帝(上海)貿易有限公司<br>TOPCO(SHANGHAI) CO., LTD.          | China<br>(2005)    | Trading                          |
|  | 克哲國際貿易股份有限公司<br>GIANT STAR TRADING CO., LTD.       | Taiwan<br>(2009)   | Trading                          |
|  | TOPWELL ELASTIC<br>TECHNOLOGY CO., LTD             | Thailand<br>(2017) | Trading                          |

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## Basic Information



EVERMORE CHEMICAL GROUP  
POU CHIEH CHEMICAL

Company Founded : Mar. 1989

Chairman : HO, WEN-CHIEH

General Manager : HUANG, CHNG-TZE

Capital : NTD 994 Million

Headquartor : Nantou Taiwan

Product : PU、CLA、UV monomer/oligomer

# Financial Highlights



EVERMORE CHEMICAL GROUP  
POU CHIEN CHEMICAL

## Consolidated statement of comprehensive income : KNT\$

| Account name                      | Jan. to Sep. 2018 | Jan. to Sep. 2017 | 2017      |
|-----------------------------------|-------------------|-------------------|-----------|
| Operating revenue                 | 2,741,367         | 2,424,236         | 3,325,124 |
| Operating cost                    | 2,414,525         | 2,096,292         | 2,859,048 |
| Gross profit                      | 326,842           | 327,944           | 466,076   |
| %                                 | 11.9%             | 13.5%             | 14.0%     |
| Operating expenses                | 270,441           | 260,474           | 354,065   |
| Operating income                  | 56,401            | 67,470            | 112,011   |
| Non-operating income and expenses | (18,495)          | (5,075)           | (5,612)   |
| Profit before tax                 | 37,906            | 62,395            | 106,399   |
| Profit                            | 4,089             | 36,829            | 62,703    |
| Basic EPS(NTD\$)                  | 0.04              | 0.37              | 0.63      |

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# Financial Highlights



EVERMORE CHEMICAL GROUP  
POU CHIEN CHEMICAL

## Consolidated Balance Sheet : KNT\$

| Account name                 | 2018.09.30 | 2017.12.31 | 2017.09.30 |
|------------------------------|------------|------------|------------|
| Current assets               | 2,111,952  | 2,074,044  | 1,995,520  |
| Non-current assets           | 955,482    | 999,885    | 1,019,595  |
| Total assets                 | 3,067,434  | 3,073,929  | 3,015,115  |
| Current liabilities          | 1,538,644  | 1,493,270  | 1,447,182  |
| Non-current liabilities      | 156,580    | 167,561    | 174,932    |
| Total equity                 | 1,372,210  | 1,413,098  | 1,393,001  |
| Total liabilities and equity | 3,067,434  | 3,073,929  | 3,015,115  |

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## Location in Asia



**EVERMORE CHEMICAL GROUP**  
**POU CHIEN CHEMICAL**



**TOPCO**  
**Shanghai, China**



Major footwear materials production

**POU CHIEN**  
Dong Guan, China



全方位客戶解決方案 **TOTAL SOLUTION**



**EVERMORE (HQ)**  
Nantou, Taiwan



**CHEM-MAT**  
Nantou, Taiwan



**GIANT STAR**  
Taichung, Taiwan

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## Location in Taiwan



**EVERMORE CHEMICAL GROUP**  
**POU CHIEN CHEMICAL**

- 克哲國際貿易股份有限公司  
GIANT STAR TRADING CO., LTD.
- 日勝化工股份有限公司  
EVERMORE CHEMICAL INDSTRY CO., LTD.
- 肯美特材料科技股份有限公司  
CHEM-MAT TECHNOLOGIES CO., LTD.



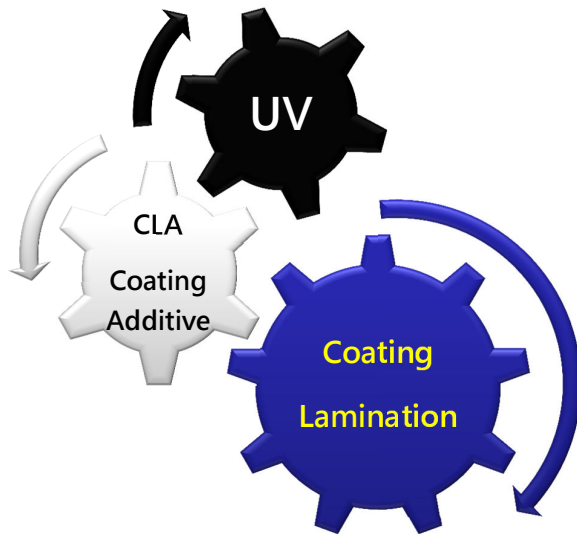
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## Core Strategy



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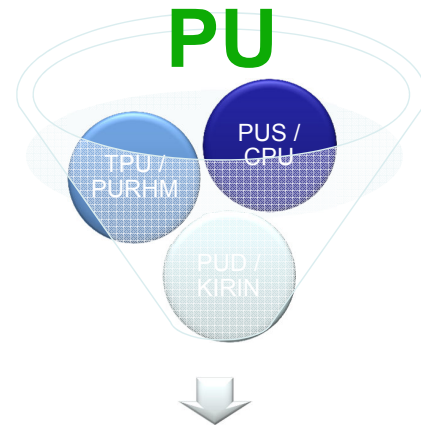


### 塗料特化與架橋劑

(Coating · Special Chemicals & CLA)

Business : Coating · Adhesive...

Products : CLA · UV · Oligomer ·  
Monomer...(EMC · CMT · TOPCO · Giant Star)



### 生活及運動產業 (Sport & Life Style)

Customer : Brands · T1 · T2 · post  
treatment

Business : Shoes · Apparel · Equipment

Products : PU...(EMC · BRT)

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## Core Products/Application



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Polyester Polyol

PU Resin

PU System

TPU

Crosslinking Agent

UV Curing Resin



Applied on

Synthetic Leather

Split Leather

Fabric & Textile

Coating & Ink

Footwear

Optical Film

Flexible Packaging

Other Industry

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## Synthetic Leather and Textile Coating/Lamination

- One Component Type
- Two Component Type
- Coagulated Type



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## Footwear Adhesive Ink Carrier

- Aliphatic type
- Aromatic type



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## Polyurethane Dispersions

- Aliphatic type
- Aromatic type

## Reactive Hot Melt

- Lamination type
- Top Coat type

## Polyester Polyol

- Adipic acid & other acids
- All kind of glycols



# PU System

## Microcellular PU Foam for Footwear

- Outsole System
- Midsole System
- Insole System



# Nike Air Jordan



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# adidas Climacool



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| PU Systems   | PU usage (kg) | Pairs        | Model                                          |
|--------------|---------------|--------------|------------------------------------------------|
| 803-9A/BYE   | 198,930       | 1.3 million  | <b>Climacool Seduction midsole</b>             |
| 407-1A/-2BYE | 145,100       | 1.55 million | <b>Climacool Sockliner</b>                     |
| 803A/BYE     | 313,278       | 0.7 million  | <b>Sole unit (PU midsole + rubber outsole)</b> |

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# INTRODUCING PUMA x SEGA RS-0 SONIC



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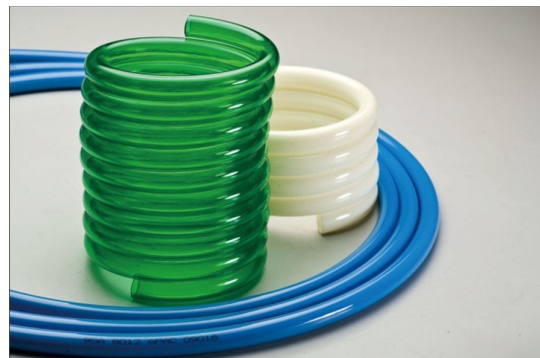
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## TPU



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- Injection Grade
- Extrusion Grade
- Calendar Grade
- Film Grades (high & low temp.)
- Special Grade (super abrasion TPU)



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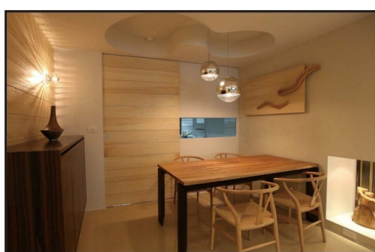
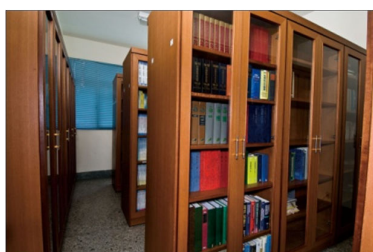
# Crosslinking Agent



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## Polyisocyanate Series

- Aromatic Type
  - Trimer
  - Adduct (low free monomer)
- Aliphatic Type
  - Trimer
  - Biuret



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## Crosslinking Agent & Adhesive



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## For Flexible Food Packaging

- Low Temperature Type
- Medium Temperature Type
- High Temperature Type



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## UV Curable Resin



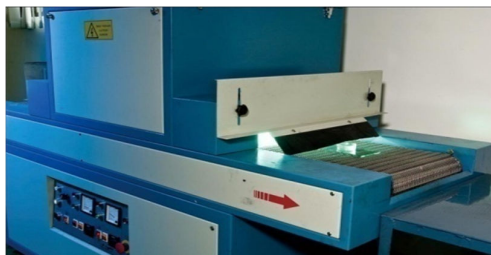
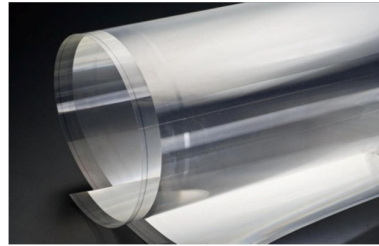
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### Acrylic Monomers

- Monofunctional monomer
- Difunctional monomer
- Trifunctional monomer
- Multifunctional monomer
- Toluene Free monomer

### Oligomers

- Urethane Acrylic Oligomer
- Ester Acrylic Oligomer



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## CHEM-MAT



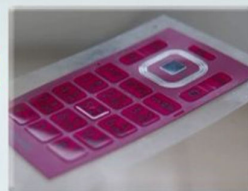
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CHEM-MAT TECHNOLOGIES CO.,LTD.

### Photo-electronic industry

Main products & served for Adhesion, sealing, surface treatment and customized adhesives & sealant for 3C industries.



- UV Curing Resin
- Industrial Adhesives

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# TOPCO & Giant Star



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上海 博帝貿易有限公司  
TOPCO(SHANGHAI) CO., LTD.



克哲國際貿易股份有限公司  
Giant Star Trading Co. Ltd.

additives for paints

Main products & served for

agent for Germany "TEGO" applied on ink, paints additives like deformer



## • Distributer for Evonik Coating Additives

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# Our Customers



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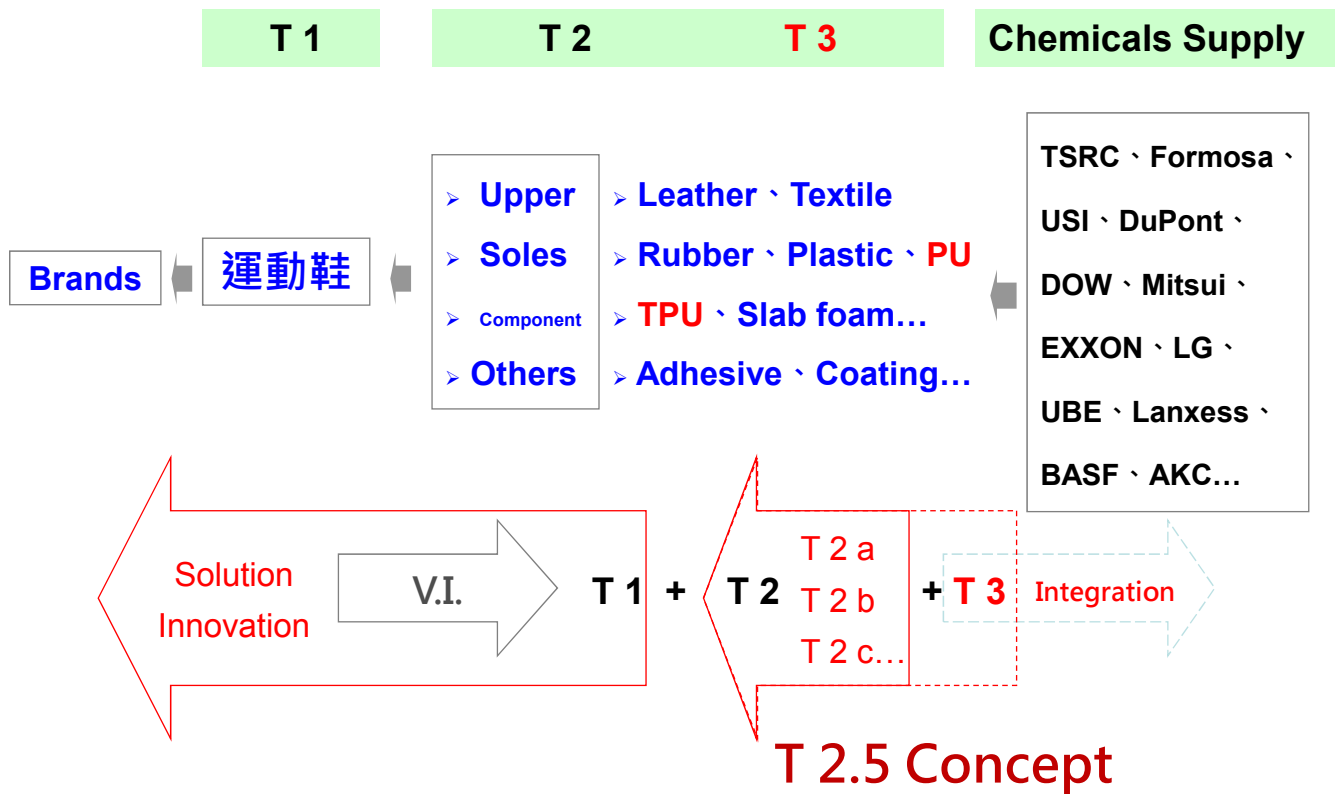
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# Supply Chain in Footwear



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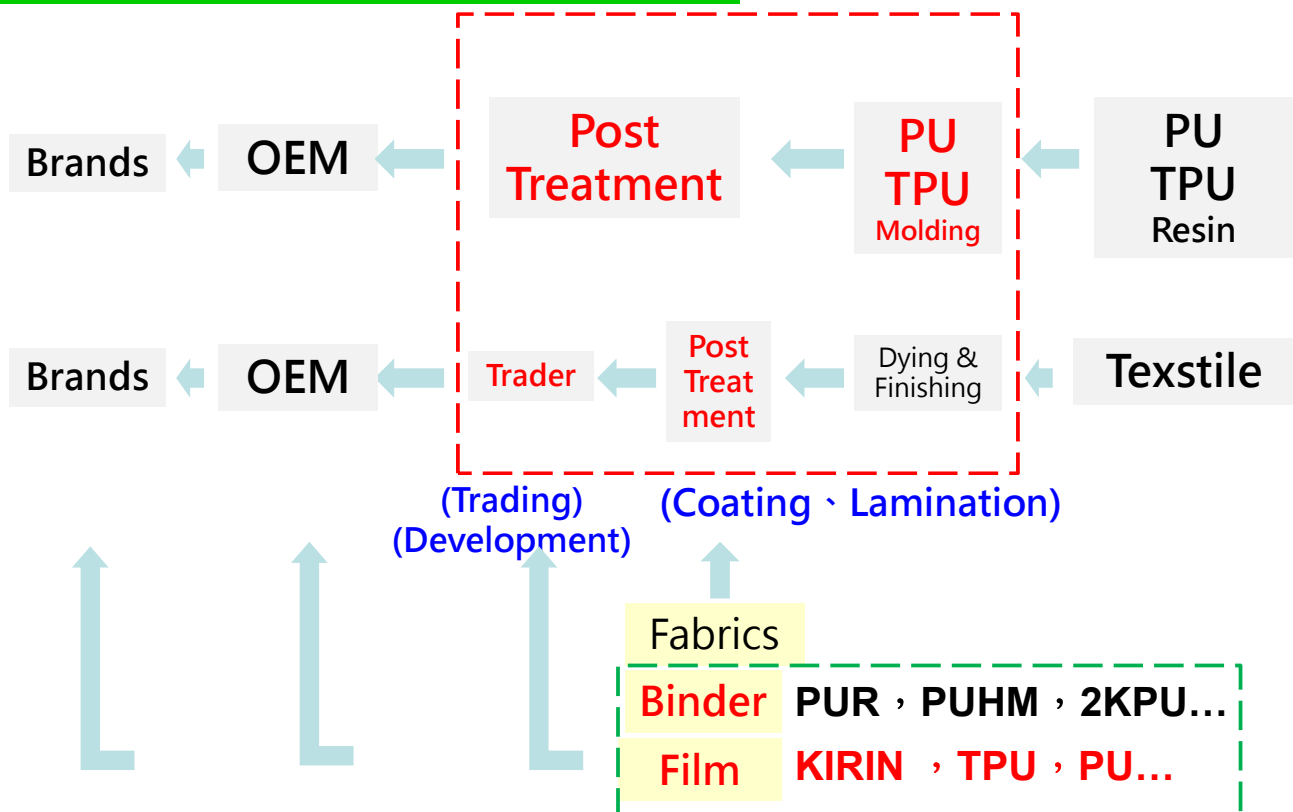
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# Green Lamination in Sport Supply Chain



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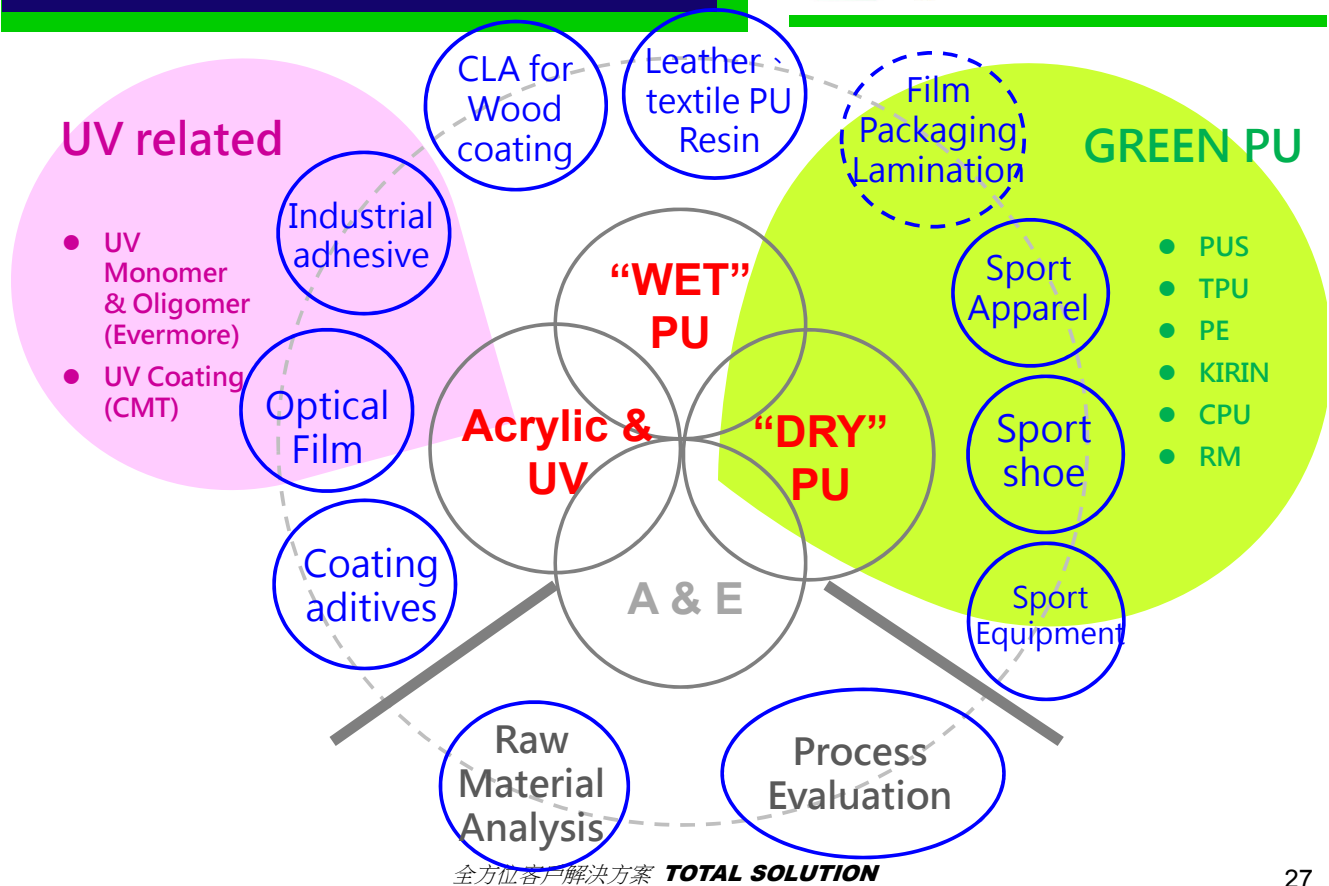
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## Core Technology (2017 ~Q3)



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## What's the FUTURE...



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| FUTURE in ...            | Our Plan                                                           |
|--------------------------|--------------------------------------------------------------------|
| Trends                   | • Green & Function                                                 |
| Product Type             | • From Materials to semi-component (Film)                          |
| Market Area              | • From China、Taiwan to <b>SE Asia</b>                              |
| Application              | • From Consumer to <b>Auto、Electronic、Construction</b>             |
| Productivity Enhancement | • TPU、KIRINTEX、Polyester polyol、UV、Reactive Hotmelt...             |
| Technology               | • 2K Solventless PU<br>• Non-yellowing CLA<br>• Nano-Dispersion... |
| Organization...          | <b>People ...</b>                                                  |
| Outside Resources        | • <b>1 + 1 &gt; 2</b>                                              |

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## 4-2 エバモア・ケミカル・インダストリー(EMC)の概要

AICA

### ■会社概要

|       |                                                        |
|-------|--------------------------------------------------------|
| 企業名   | Evermore Chemical Industry Co., Ltd. エバモア・ケミカル・インダストリー |
| 取扱品目  | ウレタン樹脂や紫外線(UV)硬化型樹脂。モノマーやポリオール等の川上原料                   |
| 本社所在地 | 台湾南投市                                                  |
| 資本金   | 994百万台湾ドル (約37億円)                                      |
| 売上高   | 3,325百万台湾ドル (約126億円) ※2017/12期                         |
| 営業利益  | 112百万台湾ドル (約4億円) ※2017/12期                             |

### ■事業領域

**AICA**

自動車



化粧品



**EVERMORE CHEMICAL**

電子製品



機能性繊維



合成皮革



靴



成型品



架橋剤(接着剤)



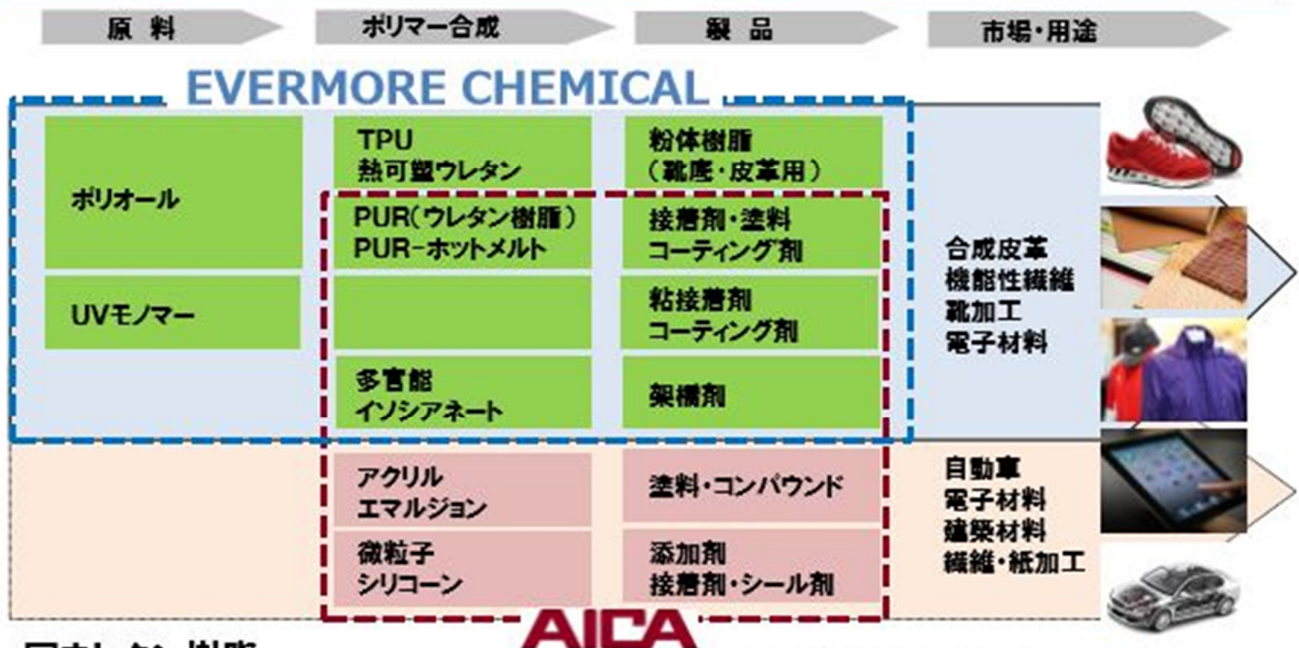
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## 4-2 エバモア・ケミカル・インダストリー(EMC)の拠点

AICA



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### □ウレタン樹脂

- ・川上原料を手に入れ競争力強化  
靴・皮革・繊維用途などへ本格参入

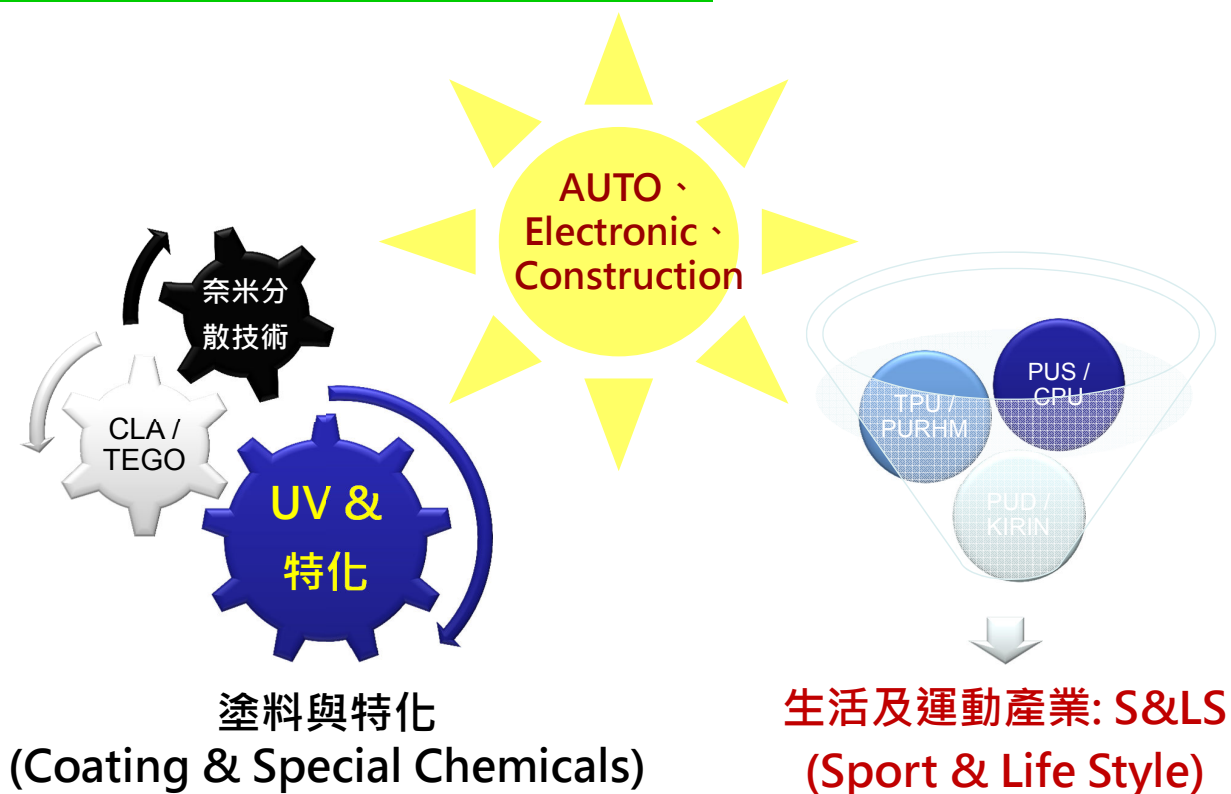
### □紫外線(UV)硬化型樹脂

- ・原料の設計技術を応用し、開発力強化  
台湾・中国での販路獲得

## Future in Industries



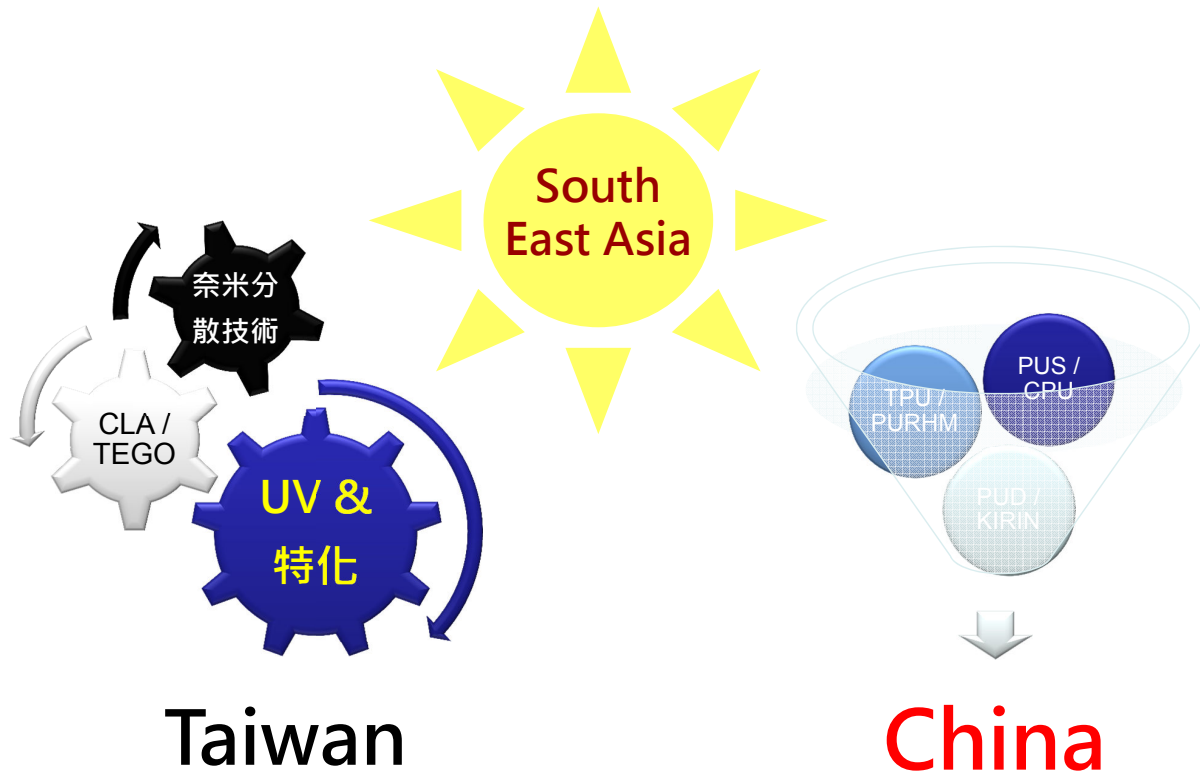
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## Future in Area



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## Ending & Beginning



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樸 Simplicity

實 Truthfulness

剛 Firmness

毅 Perseverance



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