



# 南亞膠合劑

NAN YA Adhesive



南亞塑膠工業股份有限公司  
NAN YA PLASTICS CORPORATION



# 一步一腳印 One step at a time toward excellence 邁向卓越

● 形象國際化  
International Image

● 產品系列化  
Serialized products

● 品管制度化  
Systematic quality control

● 技術尖端化  
Advanced technology

● 管理標準化  
Standardized management

● 行銷全球化  
Global marketing



**南**亞塑膠公司創立於民國47年，隸屬於台塑集團，為世界最大塑膠加工廠之一，主要產品為塑膠、纖維及電子等製品。本膠合劑工廠於民國64年創建於高雄仁武廠區，80年擴建新廠同時將廠址遷移至林園工業區，83年正式量產。新建廠房配合世界環保走向，全力發展綠色製品，朝向清潔生產技術製程發展，油性與水性製品比例由原來 60/40發展至現今 20/80，同時研發無毒性製品取代原高污染毒化物原料，降低對環境負荷不良衝擊，建立符合高環保標準生產廠房。

## Globally Populated Images

Nan Ya Plastic Corporation, founded in 1958, is a subsidiary to Formosa Plastics Group and one of the major plastic machining plants in the world. The main product line lies in plastic, fiber and electronics products. The Glue Plant was established on the Jen-wu Plant premises in 1975; with a new plant expanded in 1991, the plant address was moved to Lin - yuan Industrial Park at the same time, and the plant was formally put into mass production in 1994.

The newly constructed plant facilities follow the global environment - protection orientations which emphasize developing green products aimed at clean-production techniques; the ratio of solvent - based products and water - base products is reaching 20 / 80 from the precedent 60 / 40. We also research to develop non-toxic products to substitute highly toxic materials so as to lower the impact on the environment load, and set up plant facilities of high environmental protection criteria.







## Serial Product Lines

產品名稱 產品代號 Product Name Product Code	固型份 Solid content	黏度 Viscosity (cps/25°C)	主要用途 Main Application	產品特色 Product features
硬質膠合劑 ASAA Vinyl Adhesive for Rigid Vinyl Products ASAA	11 ± 1%	80~100	硬質PVC管與PVC管及管件之接合 各種硬質PVC製品接著 Adhesion between hardened PVC pipes and PVC accessories as well as adhesion of hardened PVC products	PVC接著性佳耐低溫 -15°C以上不結棟 Excellent PVC adhesion Low temperature durability, no freezing above -15°C.
軟質膠合劑 BSA7 Vinyl Adhesive for Flexible Vinyl Products BSA7	44 ± 2%	1500~2500	軟質PVC膠皮與PVC膠布之接合 軟質PVC膠布與PVC膠布之接合 Adhesion between Soft PVC sheets and PVC cloth, Adhesion between Soft PVC cloth and PVC cloth	軟質PVC製品接著性佳 不含VCM毒化物符合環保訴求 Excellent soft PVC adhesion. No content of toxic VCM complies with EPA requirements.
積層貼合糊主劑 EDLC Dry Lamination for Foodstuff Packaging Material (Main Rein) EDLC	70 ± 2%	3000~5000	彩藝廠使用之糊劑，適用於PET膜、NYLON膜、鋁箔及表面處理過之PP、CPP及PET、PVC膜之貼合用，加工成品可用於糖果、餅乾、泡麵等包裝材 Paste glue for color-art factories, suitable for PVC coating on PET coating, NYLON coating, aluminum foil and PP, CPP and PET surfaces with coating finish. Processed product is ideal for packaging material for candies, biscuits, and dry noodles etc.	與鋁箔之接著性佳對薄膜表面及經印刷後之薄膜有極佳潤濕性 Excellent adhesion with aluminum foil. Moistures thin film surfaces and printed surfaces.
積層貼合糊硬化劑 EDLD Dry Lamination for Foodstuff Packaging Material (Curing Agent) EDLD	75 ± 2%	1000~3000	彩藝廠使用之糊劑，適用於PET膜、NYLON膜、鋁箔及表面處理過之PP、CPP及PET、PVC膜之貼合用，加工成品可用於糖果、餅乾、泡麵等包裝材 Paste glue for color-art factories, suitable for PVC coating on PET coating, NYLON coating, aluminum foil and PP, CPP and PET surfaces with coating finish. Processed product is ideal for packaging material for candies, biscuits, and dry noodles etc.	與鋁箔之接著性佳對薄膜表面及經印刷後之薄膜有極佳潤濕性 Excellent adhesion with aluminum foil. Moistures thin film surfaces and printed surfaces.
54%水性膠帶糊 JPSH 54% Water-based Acrylic Pressure Sensitive Adhesive JPSH	54 ± 0.5%	30~150	<ul style="list-style-type: none"> <li>● 一般封箱膠帶用</li> <li>● 超透明膠帶</li> <li>● 隱形文具用膠帶</li> </ul> <ul style="list-style-type: none"> <li>● General sealing tape.</li> <li>● Super transparent tape.</li> <li>● Invisible stationery tape</li> </ul>	<ul style="list-style-type: none"> <li>● 水性製品符合環保訴求無污染</li> <li>● 本製品加工成品膠帶透明度佳、色白，強度符合PSTC及J_DOW規範</li> <li>● Water-based product complies with EPA requirement with no pollution.</li> <li>● Tape products processed from this material have good transparency and whiteness, and its strength complies with PSTC and J_DOW specifications.</li> </ul>
60%水性膠帶糊 JPSB 60% Water-based Acrylic Pressure Sensitive Adhesive JPSB	60 ± 0.5%	100~350	<ul style="list-style-type: none"> <li>● 一般封箱膠帶用</li> <li>● 超透明膠帶</li> <li>● 隱形文具用膠帶</li> </ul> <ul style="list-style-type: none"> <li>● General sealing tape.</li> <li>● Super transparent tape.</li> <li>● Invisible stationery tape</li> </ul>	<ul style="list-style-type: none"> <li>● 水性製品符合環保訴求無污染</li> <li>● 本製品加工成品膠帶符合PSTC及J_DOW規範</li> <li>● 60%膠帶糊可提升加工效率節省能源</li> <li>● Water-based product complies with EPA requirement with no pollutions.</li> <li>● Tape products processed from this material comply with PSTC and J_DOW specifications.</li> <li>● 60% tape paste improves processing efficiency and saves energy.</li> </ul>



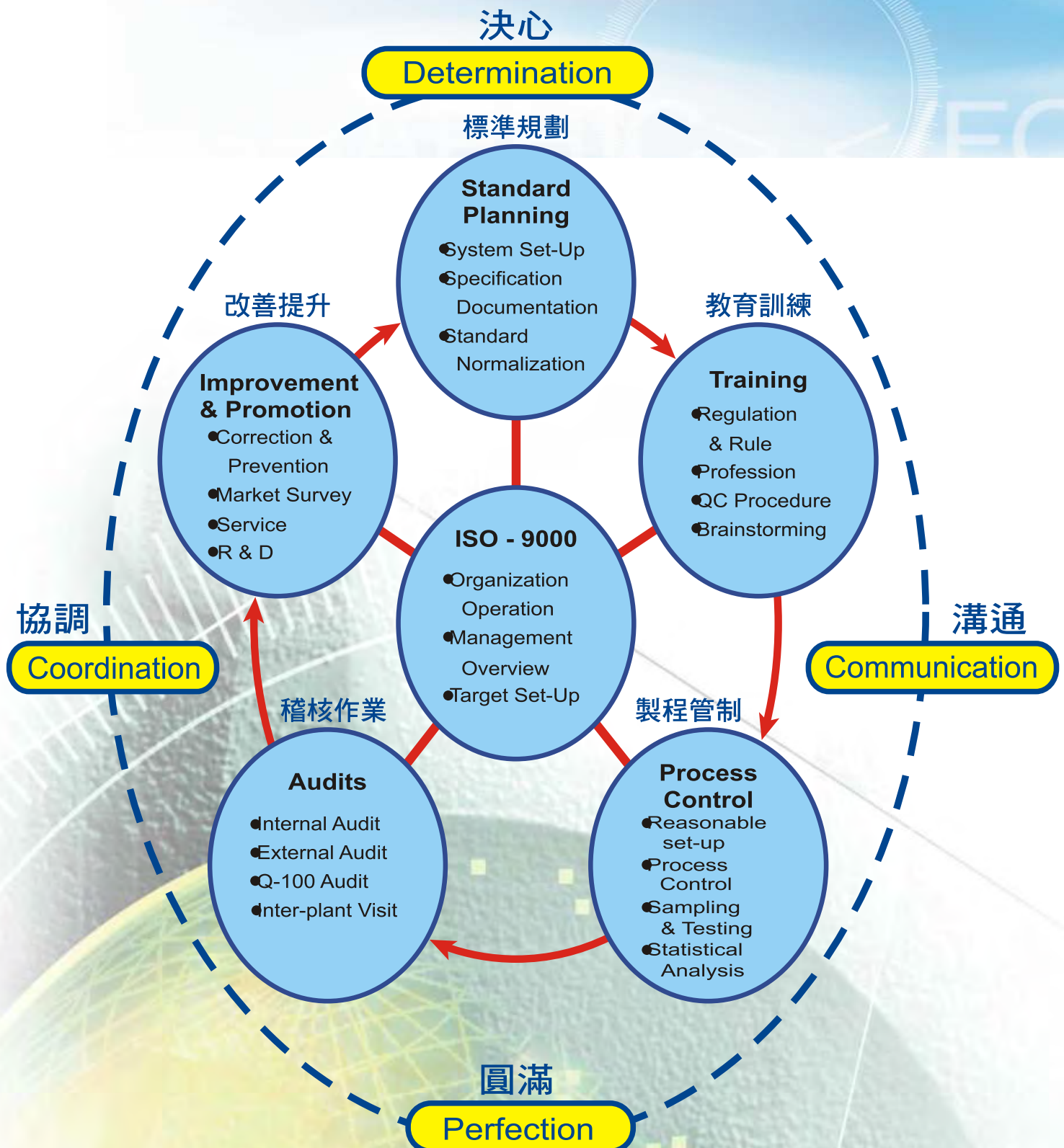
產品名稱 Product Name Product Code	固型份 Solid content	黏度 Viscosity (cps/25°C)	主要用途 Main Application	產品特色 Product features
感壓地毯膠 CNFV Pressure sensitive Adhesive for Rug CNFV	56 ± 4%	40~1000	適用於方塊地毯等有底材 之地毯鋪設之用 Suitable for paving of square lugs with base linings	純水性符合環保訴求，易於 大坪數施工且接著性佳可重 複貼合 Purely water-based, complies with EP requirement. Easy for large area coverage installation. Excellent adhesion, can be stuck repetitively
感壓地磚膠 CNFW Pressure sensitive Adhesive for Tiles CNFW	56 ± 2%	16000 ~ 25000	適用於透心地磚、塑膠地 磚等地面材鋪設之用 Suitable for paving of hollow floor tiles, plastic floor tiles	具有優越之感壓接著性質， 接著力強可重複貼合 Excellent pressure sensitive adhesion, strong adhesion allows repetitive sticking.
合成地磚膠 CNGE Synthetic Adhesive for Tiles CNGE	68 ± 2%	40000 ~ 50000	適用於pvc地磚與混凝地面 之粘著 適用於pvc地磚與木板地面 之粘著 Suitable for adhesion between pvc floor tiles and concrete surfaces. Suitable for adhesion between pvc floor tile and wooden floor surface.	具有優越之接著力 容易塗佈施工簡便 Excellent adhesion, easy to apply for installation
硬板貼紙糊 HNS3 Hard board sticker paste HNS3	16 ± 2%	3500~5500	適用於PVC硬板、壓克力硬 板及A-PET硬板貼紙保護用 糊 Suitable for protective sticker pastes for PVC hard board, acrylic hard board and A-PET hard board.	本產品規格齊全可用於硬質 厚板或薄板之PVC、壓克力板 及A-PET板貼紙糊劑貼合後不 殘膠，且粘著性強保護紙不 易剝落可有效保護產品外觀 Complete range of specifications suitable for thickening hard boards or thin PVC, acrylic and A-PET plates. No glue residual after application. Strong adhesion maintains protec- tive film without peeling off; protects product appearance effectively.
UV處理劑 VUVA UV Treatment agent VUVA	99.9 ± 0.5%	40~80	PVC壁板等裝潢產品表面 處理 Surface coating for PVC wall plate and decorative products	耐後黃變性佳 可增加製品抗刮抗污性能 Excellent climate resistance and low yellow coloring effect, increases product scratch-resistance and dirt-resistance.
水性植毛糊 FFK1 Water-base Flocking Binders FFK1	40.5 ± 1%	60~300	適用於PVC膠皮（布）植絨 用之糊劑 Suitable for down implanting paste for PVC sheets (cloth)	水性製品符合環保無污染 PVC膠皮經植絨後製品美觀 大方，可用於各式各樣皮 類製品 ● Water-based product complies with EP and low pollution requirements. ● Downed PVC sheet makes products look good, suitable for a variety of leather-like products.

產品名稱 Product Name Product Code	固型份 Solid content	黏度 Viscosity (cps/25°C)	主要用途 Main Application	產品特色 Product features
ABS膠合劑 AABS ABS Adhesive AABS	21 ± 1%	700~1200	ABS管與ABS管及管件之接合各種硬質ABS製品接著 Adhesion between ABS pipes and pipe accessories and variety of hard ABS products	接著性佳 Excellent adhesion
高耐衝擊膠合劑 ASBB Hi-impact Resistant glue ASBB	13 ± 1%	300~500	適用於高耐衝擊PVC管與管及管件之接合 Suitable for adhesion between high impact - proof PVC pipes and accessories	接著性佳 Excellent adhesion
CPVC硬質膠合劑 ASBA CPVC Heat-resistant glue ASBA	20 ± 1%	500~800	適用於CPVC管與管及管件之接合 Suitable for adhesion between CPVC pipes and accessories	接著性佳 Excellent adhesion
紙管糊 GNG2 Paper tube paste GNG2	40± 4%	2200~2600	適用於紙管生產紙層間貼合 Suitable for adhesion between layers of paper pipes	接著性佳 Excellent adhesion
地板臘 SFP1 Floor Wax SFP1	22 ± 2%	5~15	用於地板打臘可增加地板光澤度防汙垢 Waxing the floor increases floor gloss and stain-prevention ability.	光澤性佳 Excellent gloss effect
去臘劑 SFPB De-wax Agent SFPB	13 ± 1%	5~10	用於地板打臘前表面臘剝除用之清潔劑增強打臘效果 Detergent to remove surface wax before waxing the floor Increases waxing effectiveness	去垢性佳 Excellent dirt-removal ability
二液型PU糊主劑 UPUA A-B type PU paste UPUA	28 ± 3%	3500~4500	用於PVC壁板表面貼合印刷膠布 Suitable for sticking printed plastic sheet on PVC wall surface	接著性佳 Excellent adhesion



## 品質政策 Policy of quality control

教育訓練・發揮潛能 / Education & training · Explore the potentiality  
 運用組織・協調溝通 / Utilization of the net-work · Communication & coordination  
 準時無誤・顧客滿意 / Delivery on time · Customer satisfaction  
 追根究底・止於至善 / Down to the root · Aiming for the perfection







Chemical characteristic analysis

合成反應  
Polymerization



Finished goods inspection

物性檢測  
Physical property test



Finished goods inspection

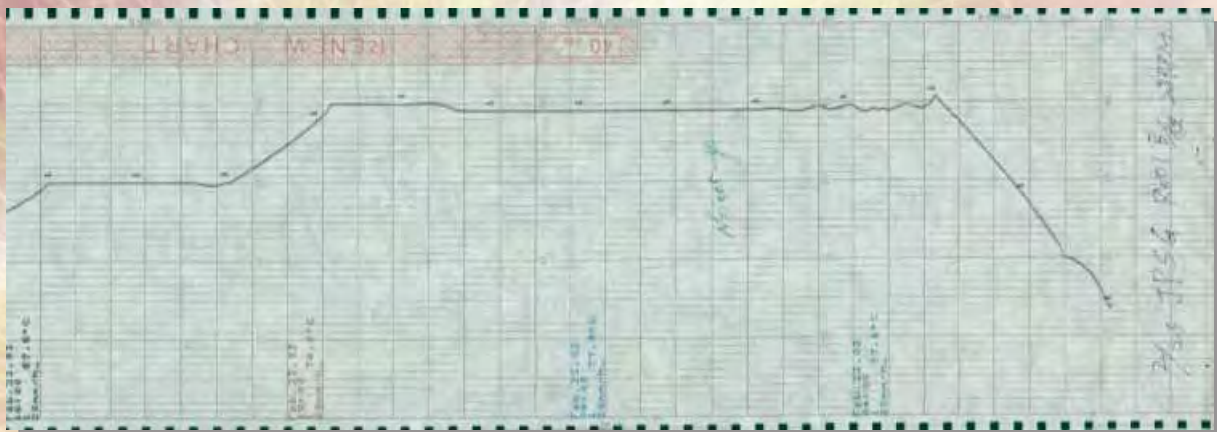
## Edge technology

本廠為確保供應客戶良好穩定的品質，採用DCS (分散式控制系統)，主要優點：

- (1) 系統穩定不易故障，可配合客戶需求，如期交貨。
- (2) 控制系統雙重化，即使一台異常，可即時切換另一台控制，降低製程異常機率。
- (3) DCS 可監控掌握生產狀況，製程條件可由 DCS 收集記錄及執行，減少人為操作異常。
- (4) 系統由公司自行設計，製程 Know-How 不致外流。

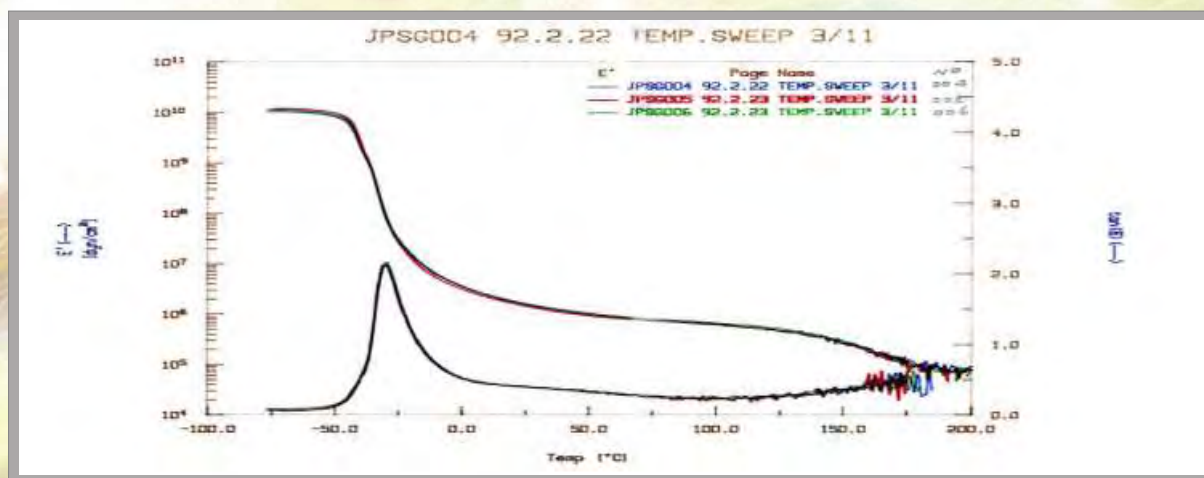
In order to supply customers with stable quality, we employ Distributed Control System (DCS) with the following benefits:

- (1) Stable system with less failure to ensure compliance of customer requirements and on-time delivery.
- (2) Dual control system allows switching-over to a spare control even when one machine is down, thus lowering process abnormality probability.
- (3) DCS monitors and controls production status, and collects and records and implements process conditioning, and thus reducing human errors.
- (4) Self-designed system ensures keeping "now-how" from exposure.



製程持溫段溫度控制在  $\pm 0.2^{\circ}\text{C}$  化學反應性穩定良好

Constant temperature range is controlled within  $\pm 0.2^{\circ}\text{C}$ , ensuring stable chemical reactions.



水性膠帶糊產品取樣作DMA (Dynamic Mechanic Analyzer 機械動態分析) 分析圖曲線重疊一致, 批間品質相當穩定

Dynamic Mechanic Analysis (DMA) is conducted on water-based Acrylic PSA. The analysis curve is consistent, showing steady inter-batch quality.



# ISO Certificates of Quality Management System







槽車入料  
Tanker input materials



原料儲槽  
Material storage tanks



原料輸送  
Material transferring



流量計  
Flow meters



重合槽  
Reactor



重合後輸送  
Transferring after  
polymeration



成品儲槽  
Finished goods  
storage tanks



自動包裝  
Automatic packaging

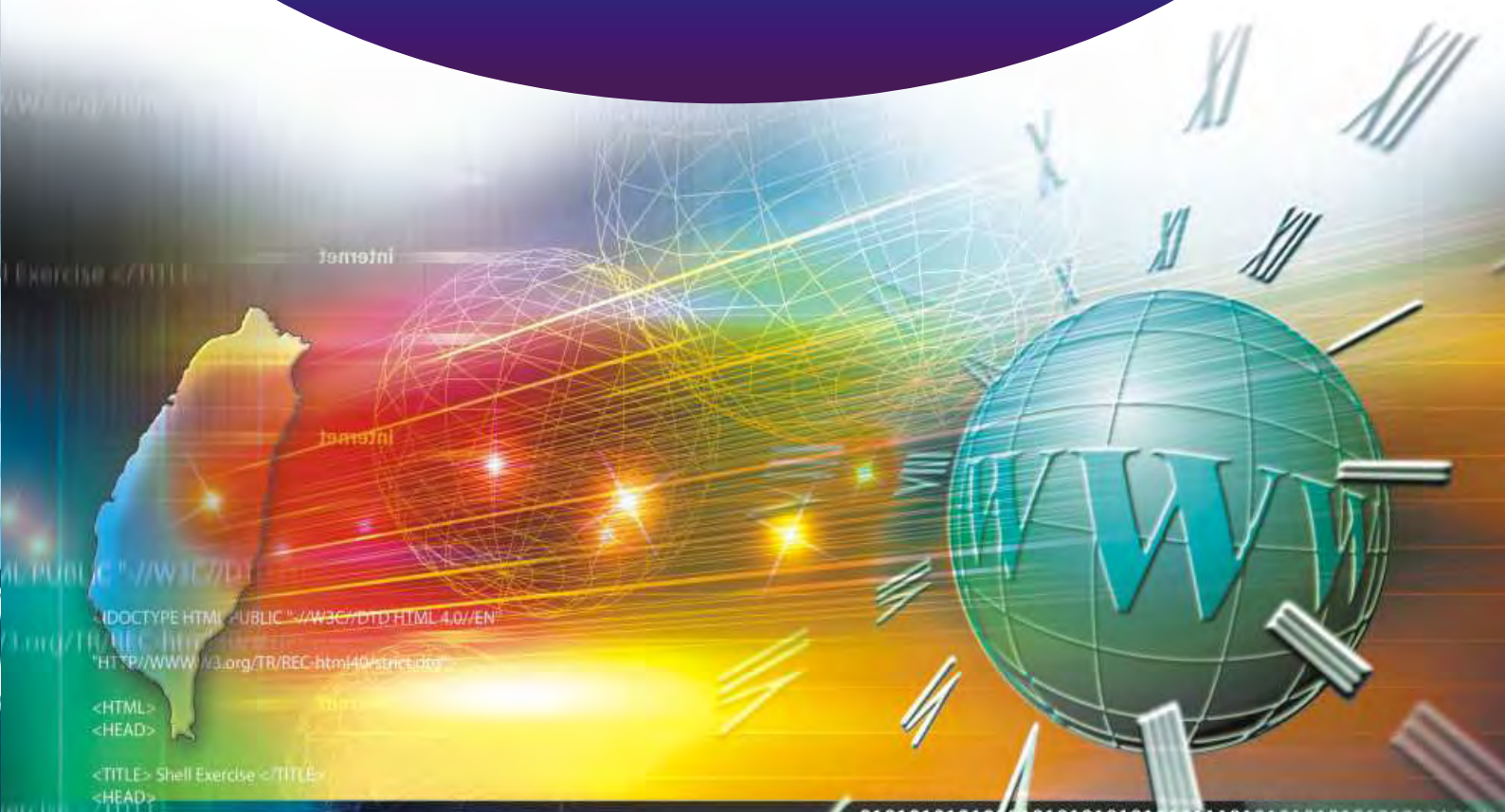
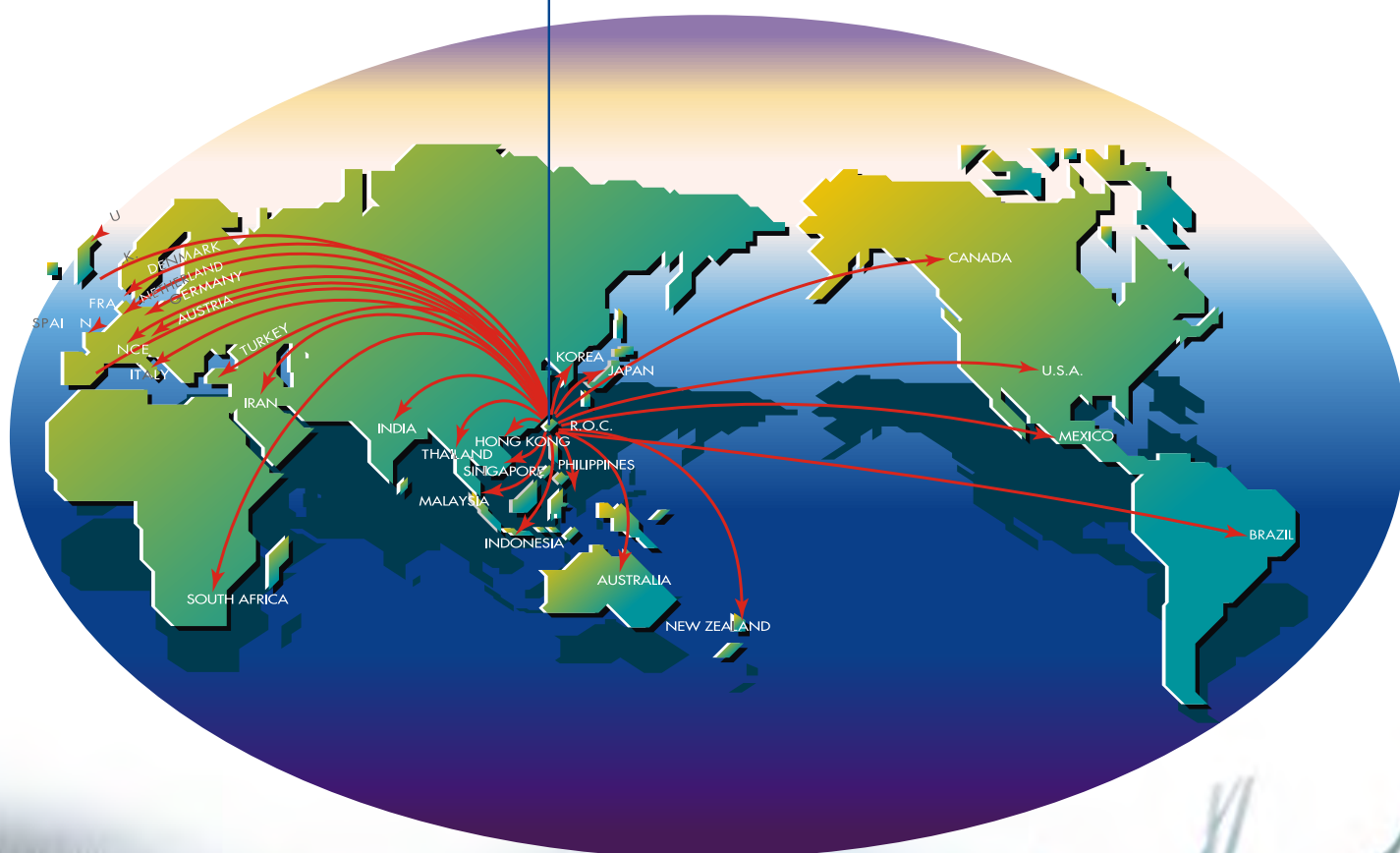




南亞將以台灣為膠合劑製造中心

供應全球高品質及整系列產品

Based on adhesive production center in Taiwan,  
Nan Ya supplies high quality adhesive to the global demand





台塑關係企業  
FORMOSA PLASTICS GROUP



台塑大樓 H.Q., Formosa plastics Group



**南亞塑膠工業股份有限公司**  
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