



CAPLINQ CORPORATION
SPECIALTY CHEMICALS, PLASTICS & PRODUCTS

CAPLINQ IS A SPECIALIZED MARKET PARTNER

We act as a distributor, market partner and manufacturer specialized in chemicals and plastics.

DISTRIBUTOR, AGENT & MARKET PARTNER

CAPLINQ is a modern-age partner that uses the same legal tools and processes that multinationals use to give foreign suppliers a European presence without a European entity.

We work only with specialty manufacturers who offer high quality products that are best-in-class in their industry. As distributor and agent we allow foreign companies to be able to compete on par with European suppliers.



- Die Attach Pastes & Films
- Solder Paste & Semi-sintering
- Semiconductor Packaging Mats



- Surface treatments
- Adhesion promoters



- Epoxy Molding Compounds
- Cleaning & Conditioning Sheets



- Thermal Interface Materials
- Phase Change Materials
- Thermal Gap Pads



- Epoxy Coating Powders
- Specialty Liquids
- MLCC Film



- High Purity Fumed & Fused Silica
- 99.97%, 99.99% & 99.995% Pure
- 7µm-75µm, Spherical, Low-Alpha



- Carbon fiber sheets
- Carbon fiber fabric



- Hydrogen Detection Tape
- Specialty Tapes



- BMI Resins
- Wafer Buffer Coating
- Redistribution Layers



- Temperature Data Loggers
- Temperature Indicators



- Anionic Exchange Membrane
- Proton Exchange Membrane
- Conductive Polymer

SPECIALTY MANUFACTURER

CAPLINQ manufactures and distributes specialty plastics, chemicals & products with a focus on materials used in the semiconductor, electronics, automotive, energy and industrial markets.

We work with our customers to research, develop and manufacture custom solutions



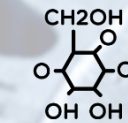
LINQSTAT

- Conductive film
- Aluminized film
- Antistatic tapes



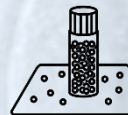
LINQTAPE

- Polyimide & PET tapes
- Copper & aluminum tapes
- Specialty Tapes



CHEMLINQ

- Melamine Products
- Mold Release Sprays
- Specialty Chemicals



LINQALLOY

- Solder Spheres & Balls
- Lead- and leadfree alloys
- Low minimum order qty



SMARTLINQ

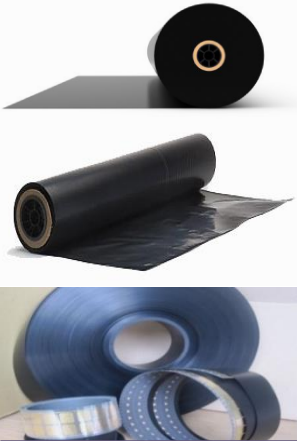
- Temperature Data Loggers

CAPLINQ IS A SPECIALIZED FABLESS MANUFACTURER

We research and develop our own products based on customer enquiries and market knowledge.



LINQSTAT™ CONDUCTIVE PLASTICS



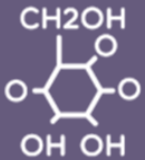
- Electrically conductive plastic
- Volume conductive films
- Carbon-loaded polyester bags and tubing
- Surface conductive polyimide films
- Anti-static smartcard interleaver films



LINQTAPE™ SPECIALTY TAPES & FILMS



- Polyimide Tapes and Films
- Polyester Tapes and Films (PET)
- Copper Tapes and Foils



CHEMLINQ™ SPECIALTY CLEANERS & CONDITIONERS



- Carnuba Epoxy Mold Compound release sprays
- Cleaning sheets and pellets
- Conditioning sheets and pellets



LINQALLOY™ SOLDERS, SPECIALTY METALS & ALLOYS



- Gold, Copper, Silver, Palladium, Aluminum Wire
- SnPb and Leadfree Solder Spheres
- Solder Paste
- Solder Preforms

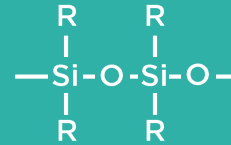
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SMARTLINQ™ TEMPERATURE & HUMIDITY LOGGERS

- Single-use disposable USB recorders
- -20°C temperature loggers
- -40°C temperature loggers



LINQSIL™ SPECIALTY SILICONES

- Mold Release Silicone
- Junction Coating Resins
- IGBT Potting Silicones



CAPLINQ CORPORATION

BACKGROUND

HEADQUARTERS: Heemskerk, Netherlands

OFFICE LOCATIONS:

Offices in the Netherlands, Canada & China

SUMMARY

CAPLINQ manufactures and distributes specialty chemicals, plastics and products with a focus on materials used in the semiconductor, electronics, automotive and industrial markets.

Our brand name products include LINQSTAT®, LINQALLOY®, CHEMLINQ®, LINQTAPE® and SMARTLINQ®



SEMICONDUCTOR BONDING WIRE



Gold Bonding Wire



Copper Bonding Wire



Palladium Bonding Wire



Silver Bonding Wire

BACKGROUND

HEADQUARTERS: Düsseldorf, Germany

EMPLOYEES: 53,000 across 120 countries

SALES: >€9 billion globally

DISTRIBUTOR SINCE: October 2019

MANUFACTURING LOCATIONS:

185 manufacturing sites worldwide

SUMMARY

CAPLINQ distributes Henkel's semiconductor packaging materials including LOCTITE® ECCOBOND, ABLESTIK



MAJOR PRODUCT LINES



Die Attach Films
Conductive & Non Conductive

Die Attach Films



Die attach Pastes
Conductive & Non Conductive

Die Attach Pastes



Semi-sintering
Die attach pastes

Semi Sintering Die Attach Pastes



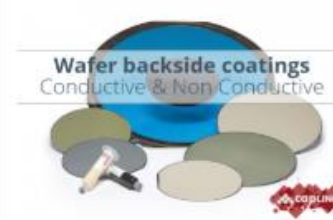
Encapsulants
Glob top, LED, Dam & Fill

Liquid Encapsulants



Underfills
Board level and Semiconductor

Underfills



Wafer backside coatings
Conductive & Non Conductive

Wafer Backside Coatings



Electrically Conductive Adhesives
Acrylate, Epoxy & Silicone

Electrically Conductive Adhesives



Non Conductive Adhesives
Assembly & Sealing

Non Conductive Adhesives

DID YOU KNOW?

- ❖ Semi sintering adhesives have similar thermal impedance (Rth) as Soft solder but use existing die attach equipment instead of the special equipment required for sintering
- ❖ Semi-sintering 8068 TB has a TC >100 W/mK and is designed to replace high Pb solder
- ❖ CE 3103WLV ECA can be used to attach noble passives onto noble terminated boards
- ❖ ICP3535M2 can be used for surface mounting 100% Sn components.
- ❖ FP4802 / UF1173 are the first high-reliability encapsulation and underfill that are 100% SVHC-free
- ❖ CDF625 and ATB120U and are our newest Conductive and Non-Conductive Die Attach Films
- ❖ LCM1000AF is Henkel's first commercially successful compression molding encapsulant
- ❖ HHD 3607BK is reactive polyurethane designed specifically to bond smart phone glass covers
- ❖ FP4450, FP4451, 84-1LMI have been used in production more than 40 years
- ❖ QMI 529HT-LV is the highest thermally conductive (8W/mK), yet dispensable die attach paste

BACKGROUND

HEADQUARTERS: Lianyungang, Germany

EMPLOYEES: >450 in China

SALES: >\$50 million globally

DISTRIBUTOR SINCE: January 2018

MANUFACTURING LOCATIONS:

Lianyungang, China

Shanghai, China (R&D and Pilot Plant)

SUMMARY

Hysol acquired the Epoxy Mold Compound business from Henkel when they divested and exited the business in 2017.

CAPLINQ has been named the only European and American distributor and partner.



MAJOR PRODUCT LINES



DID YOU KNOW?

- ❖ GR2812 & GR2822 pass MSL3 on Conductive Polymer Tantalum Capacitors
- ❖ GR510-HP has a CTE of only 8 ppm/°C and is used in super high density SOIC packages
- ❖ GR15F-MOD2D has a Tg of 230°C and is used in 2nd Generation SiC MOSFET devices
- ❖ GR9810-1PF has ATF resistance and a filler cut size of 45 μ m
- ❖ GR730HT has a Thermal Conductivity of 5 W/mK and is designed for 5G packages
- ❖ GR17 & GR180T and GR180R are compatible material sets for LED and Optocouplers

HONEYWELL ELECTRONIC MATERIALS

BACKGROUND

HEADQUARTERS: Shanghai, China

EMPLOYEES: 1200 across USA, EU & Asia

SALES: >\$500 million globally

DISTRIBUTOR SINCE: February 2020

R&D AND MANUFACTURING LOCATIONS:

Thailand for PCM & high conductive (>7WmK) hybrids, China for other TIM materials

SUMMARY

Honeywell Electronics Materials is a division of Honeywell International Inc. a \$38.7B Fortune 100 company based in Morris Plains, NJ, USA.

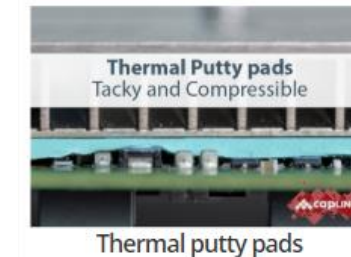
It originally acquired phase change TIM technology from Johnson Matthey in 1999.

CAPLINQ distributes Honeywell's Electronics Materials Thermal Interface and Phase Change Materials.

Honeywell

THE POWER OF **CONNECTED**

MAJOR PRODUCT LINES



DID YOU KNOW?

- ❖ Honeywell leads the world's technology in Phase Change Materials
- ❖ HT11000 (11W/mK) 1-part Hybrid Gel, is so advanced, data can be only shared under NDA
- ❖ HLT10000 (10W/mK) Hybrid Gel has ideal vertical mounting stability for networking applications
- ❖ TG3000I offers the lowest Thermal Impedance (0.003 °C-cm²/W) and lowest bondline thickness (7µm) of any product on the market by far.
- ❖ PTM6000HV is a printable, 45°C Phase Change Material designed for IGBT printing
- ❖ Thermal pads are a much better solution than Thermal Grease for CPU/GPU attach

SOMAR CORPORATION

BACKGROUND

HEADQUARTERS: Tokyo, Japan

EMPLOYEES: >5,000

SALES: >\$250 million globally

DISTRIBUTOR SINCE: October 2019

MANUFACTURING LOCATIONS:

Soka, Japan. Olean, NY USA

SUMMARY

CAPLINQ sells and distributes Somar's range of industrial and electronic adhesives and materials including EPIFORM®, SOMATAC®, NOVAMASK®.



MAJOR PRODUCT LINES



EV Hairpin Coating



EV Busbar Coating



Motor Slot Insulation

DID YOU KNOW?

- ❖ F-6975 Epoxy Coating Powder is the industry standard for hairpin coating of 400V IPM motors
- ❖ Epiform E-8982-2 is a coil impregnation resin used to maintain motor balance at high speeds
- ❖ Epiform E-8839 is the default magnet bonding liquid resin in IPM motors

ACULON, INC

BACKGROUND

HEADQUARTERS: San Diego, USA

EMPLOYEES: 53,000 across 120 countries

SALES: >\$10 million

DISTRIBUTOR SINCE: October 2016

MANUFACTURING LOCATIONS:

San Diego, USA

SUMMARY

Aculon is a surface modification company specialized in creating ultra-thin film treatments to make surfaces repellant or to promote adhesion.

Where there is a surface with a problem, Aculon is there to fix that problem.



MAJOR PRODUCT LINES



Adhesion Primers & Promoters



PCB Waterproofing Treatments



Repellency Treatments



Stencil Treatments

DID YOU KNOW?

- ❖ Aculon has over 25 issued patents for surface treatments
- ❖ Nanoproof can waterproof PCBs with a thickness as low as 200 nanometers
- ❖ NanoClear Stencil Treatments are used by all major stencil manufacturers and PCB assemblers
- ❖ Aculon's products can be wiped, sprayed or dipped

IONOMR INNOVATIONS

BACKGROUND

HEADQUARTERS: Vancouver, Canada

DISTRIBUTOR SINCE: October 2016

MANUFACTURING LOCATIONS:

Vancouver, BC Canada

SUMMARY

Ionomr Innovations delivers the most significant ion exchange material breakthroughs in over 50 years.

Membranes & Polymers for both AEM and PEM-based systems.

I::N::MR

MAJOR PRODUCT LINES



Anion Exchange Membranes (AEM) & Polymers



Proton Exchange Membranes (PEM) & Polymers

DID YOU KNOW?

- ❖ Ionomr's products are based on non-fluorinated, hydrocarbon chemistry.
- ❖ Aemion™ and Aemion+™ are ultra-stable AEMs for alkaline stable systems
- ❖ Pemion™ are the first generation hydrocarbon-based membranes for PEM systems

GET IN TOUCH

Contact us to find out how CAPLINQ can help your company reach the next level

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