

# SunChemical®

a member of the DIC group

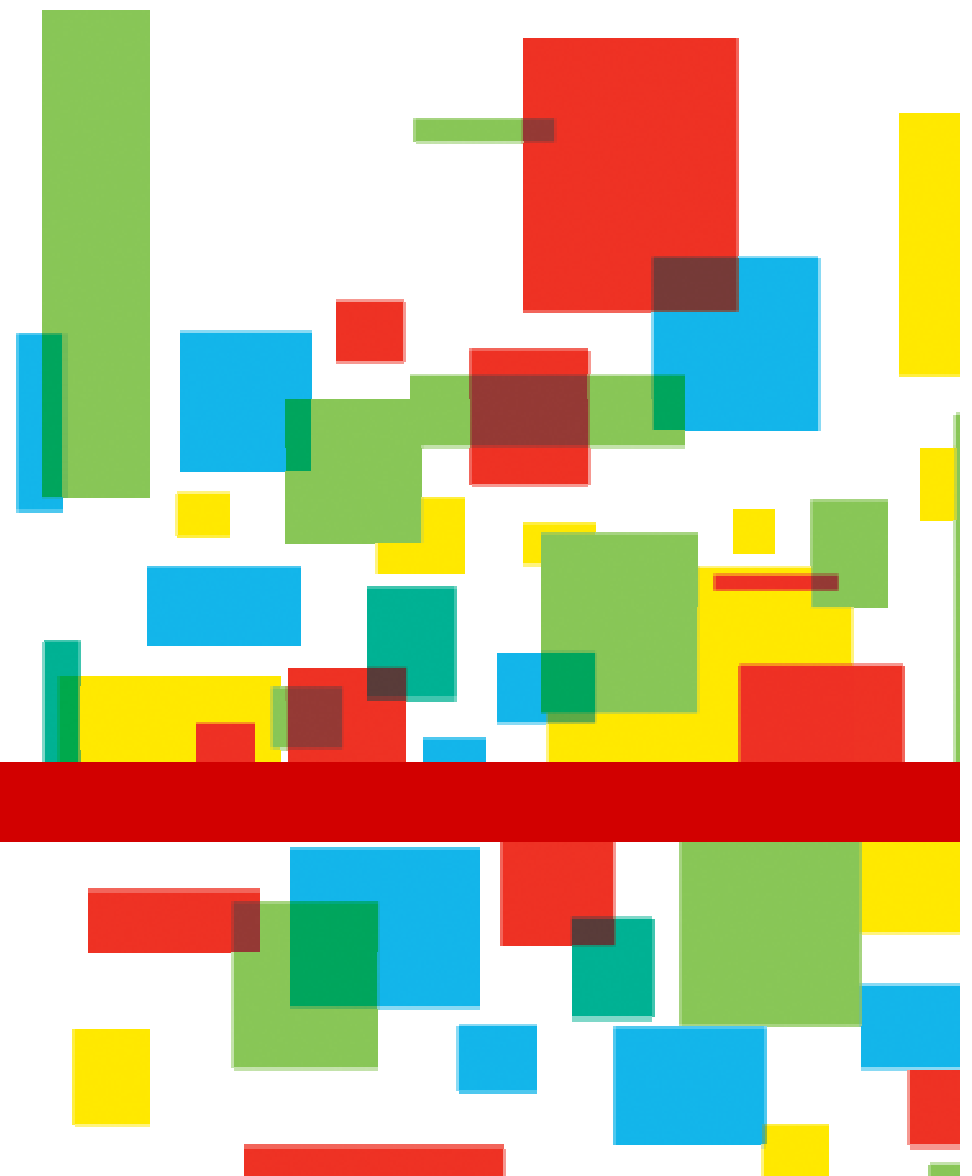


## Printing Technology and Innovation Days for Flexible Packaging

## Ink supply in your region

Budapest 16th of October 2014

■ **working for**



# Strong Parent Company

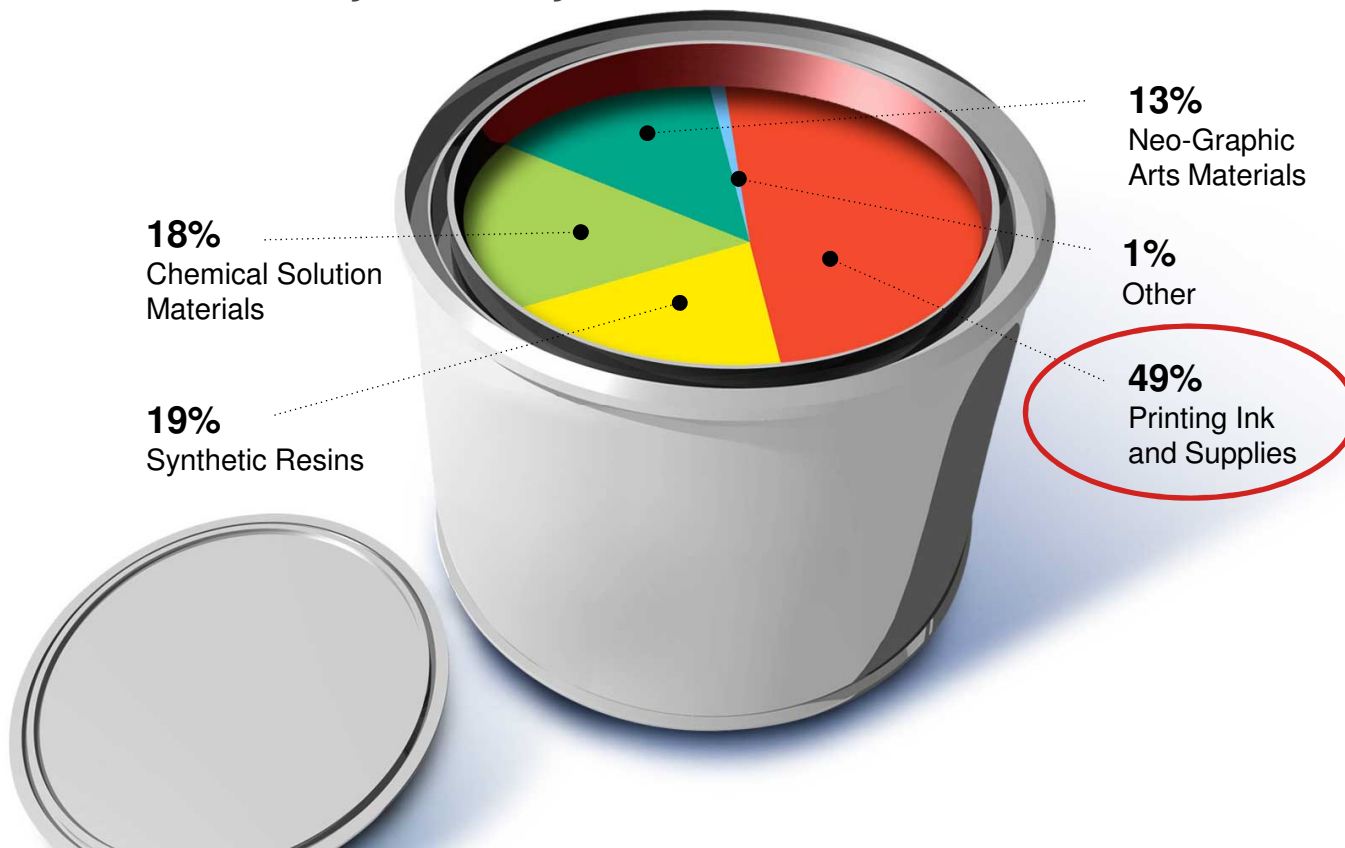


**\$9.7 billion** net sales

**190** subsidiaries and affiliates

**21,572** employees in **164** countries and regions

*Color & Comfort by Chemistry*



# Key Segments and Products



Color & Comfort by Chemistry

## Printing Inks and Supplies



Gravure Inks

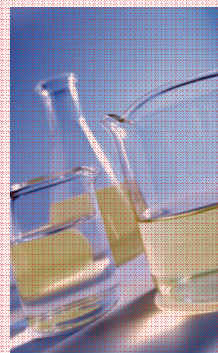


Heatset Inks

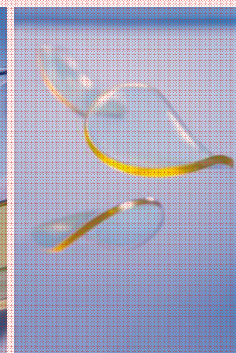


News Inks

## Synthetic Resins



Variety of Synthetic Resins

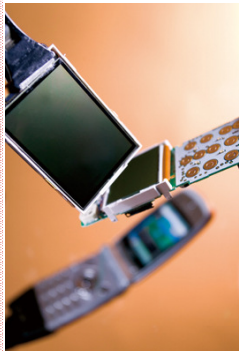


Polymer Additives

## Neo-Graphic Arts Materials



Organic Pigments



Liquid Crystal Materials

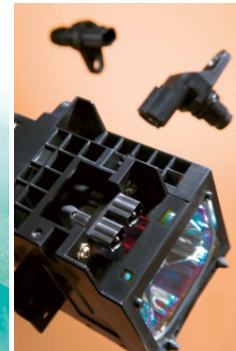


UV-Curable Coatings and Adhesives for Optical Discs

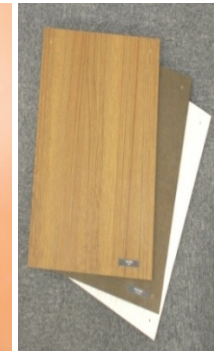
## Chemical Solution Materials



Adhesive Tapes



PPS Compounds



Décor Boards



# SunChemical®

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is transforming itself to help you compete in  
today's dynamic business environment, through...

**Quality**

**Service**

**Innovation**

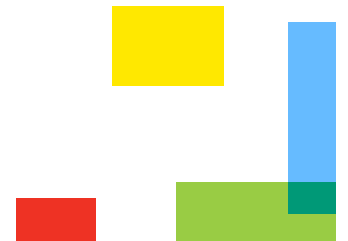




# Quality



- Comprehensive and consistent offering of world-class products, services, and solutions
- Saving time, money, and being eco-efficient



# Service



- Over 100 years of knowledge and experience working for you
- World-class technical and customer service
- Consistent delivery on our promises
- Specialized services not expected from an “ink company”



# Innovation



- Breakthroughs in ink and pigment technology
- 10 R&D centers worldwide
- Averaging two patents per month



# Market Leadership

1818

Sun Chemical's roots begin with Lorilleux, one of the first ink producers



1929

Four ink companies merge to form General Printing Inks (GPI)

1936

First pigmented flexo inks

1945

GPI changes its name and Sun Chemical is born

**SunChemical**

1957

Ansbacher-Siegle merges with Sun Chemical to form today's Performance Pigments division

1958

Development of solvent-based flexo inks on polyethylene films



1969

Sun Chemical patents first UV inks

1987

DIC acquires Sun Chemical



1999

Sun Chemical offers digital inkjet ink  
Sun Chemical acquires SunGraphics

2006

Sun Chemical acquires Watt Gilchrist and forms Sun Branding Solutions



2010

Sun Chemical opens state-of-the-art food packaging plant in Frankfurt and sheet-fed ink hub in Dahej, India



2011

Partnership with X-Rite/Pantone and Esko on PantoneLIVE™  
Sun Chemical acquires Benda-Lutz



2012

Sun Chemical opens state-of-the-art packaging plant in Kankakee, IL, and expands into high-definition plate technology in Concord, CA



# Inks and Coatings Markets

- Packaging
- Publication
- Commercial
- Industrial
- Electronics Materials



# Packaging Inks and Coatings

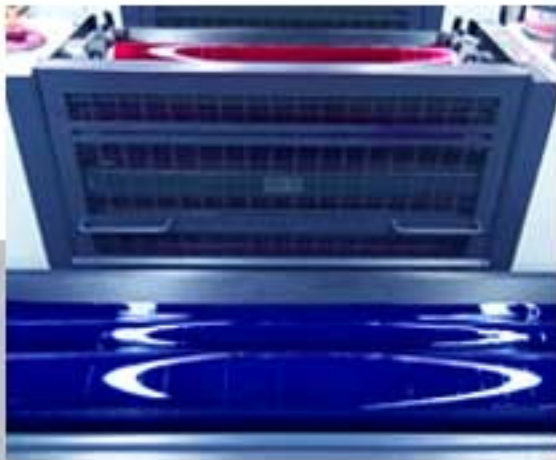
For all packaging applications (flexible packaging, labels and sleeves, folding carton, corrugated, containers, etc.)

- Flexographic and Gravure liquid inks
- Conventional Lithographic inks
- Energy-Curable inks (UV, LED and EB)
- Screen inks
- Digital Inkjet inks



# Consumables

- Pressroom Washes
- Fountain Solutions
- Silicones
- Blankets
- Rollers
- Press Components



# Brand Protection Solutions

For mid- to high-level, overt and covert security solutions

- Taggant reader systems
- Hidden image technology
- Specialty inks and effects





# Specialty Coatings

- Coldseal adhesives and release lacquers
- Barrier coatings technology for flexible food packaging
- Antimist coatings
- Heatseal lacquers
- Metal primers
- Aluminum coatings
- Glass coatings



# Lamination Adhesives

- Specifically formulated to compliment our lamination inks
- Superior adhesion to an extensive range of commonly used flexible packaging substrates
- Suitable for both Flexographic and Rotogravure print processes
- Improved resistance to strongly acidic foods
- Maintains bond strengths even after pack sterilization.



# Services

Helping customers meet and exceed their sustainability, color and technical goals through:

- SunCare™ Environmental Services
- Brand Color Management
- Customer-Tailored Technical Support







# Sun Branding Solutions

- Brand life-cycle management
- Unique approach to brand consultancy and package design
- Strategic partnerships with the world's leading brand owners and retailers



**SBT**  
BRANDING  
TECHNOLOGIES



**Your  
Packaging  
Partner**  
PACKAGING DEVELOPMENT



**Legal Impactt**  
LABELLING ACCURACY



**Gilchrist**  
DESIGN REALISATION



**Parker Williams**  
CREATIVE DESIGN



# Sun Chemical Central Europe



▲ Production

★ Sales Office / Mixing



# Sun Chemical Central Europe





# Thank You!



working for you.