

## COMPANY OVERVIEW



Coatings



Dispersions



Lubricants



Adhesives

Chemicals used in a variety of applications

- LEATHER
- TEXTILE
- WALL COATINGS
- ADHESIVES
- PAPER COATINGS
- PROCESS AIDS

[leatherchem.com](http://leatherchem.com)

An Indo Italian Joint Venture

# Wide product range for a perfect fit

HARYANA has over 25 years of experience in development and production of more than 500 formulations for leather chemicals, textile binders, pressure sensitive adhesives, lamination acrylics, SRB & PU adhesives, spray dried tanning agents and acrylic processing aids.

It is highly probable that what you need is already in our production data base, or can be developed by our experienced product development team, making HARYANA a Perfect Fit for your requirement of 'ready to use' products and intermediates. Our extensive range listed below makes it easy to locate your specific need.

Chemicals used in a variety of applications

- LEATHER
- TEXTILE
- WALL COATINGS
- ADHESIVES
- PAPER COATINGS
- PROCESS AIDS



## ■ Acrylic & Polyurethane Dispersions:

For Leather Finishing, Textile Printing, Flock Binders  
Paper Coating, Paint Intermediates.

## ■ Pigment Dispersions & Concentrates

Organic and Inorganic, Micronized Pigment Dispersions  
for Textile Printing, Tapes, Leather, Graphics & Print Industry.

## ■ Lacquers & Varnishes

Water and Solvent based NC Lacquers, NC Free Lacquers,  
& PU Varnishes for Various Industries.

## ■ Adhesives and Lamination Binders

Pressure Sensitive Adhesives, Tackifiers and Binders for  
Labels, Medical & Industrial Tapes & Lamination,  
Solvent PU & Rubber Adhesives for Shoes & Automobile Interiors.

## ■ Wax Emulsions & Auxiliaries

Wax Emulsions, Release Agents, Casein Preparations  
and Auxiliaries for Various Industries.



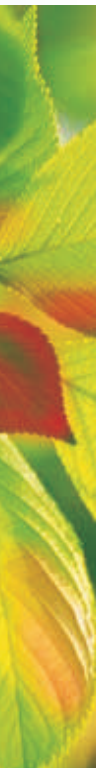
## ■ Oils & Esters

Sulphonated and Sulphited Synthetic & Semi Synthetic  
Oils. Phosphated Esters and Intermediates.

## ■ Spray Dried Products

Tanning Agents, PVC Processing Aids

Haryana was promoted with Private,  
Government and Public investment



# Cutting edge efficiency to cut cost

The production capabilities offered by HARYANA to the leading industrial chemicals specialists set a new paradigm in quality standards and production economies, cut costs, reduce development time, maximize yield and speed up deliveries.

In the rapidly changing global markets, ecological and economic constraints are creating new challenges for large and multinational chemical producers, distributors, and end-users. HARYANA enables its partners to source at a highly competitive price, and meet challenging industry requirements using latest quality control technologies, efficiently organized production setup and continuous improvement to respect the environmental and safety responsibilities.

HARYANA also offers a most sophisticated and well equipped research infrastructure manned by highly qualified and leading polymer experts, analysts and laboratory technologists.

From its inception, HARYANA is an Indo-Italian joint venture, which has focused on bringing leading product technology from our technical alliances in Italy and Spain, resulting in an extensive range of chemicals, coatings and dispersions, that is unparalleled.



Haryana is an Indo Italian Joint venture  
with ICAP - SIRA, Italy

# Economies through Automation

HARYANA is fast emerging as the sourcing hub for performance chemicals for industries such as textile, leather, packaging, paint and lubricants. Besides a low cost research & production platform, HARYANA's real strength lies in achieving economies through automation & controls.

Our expertise in process management and automation results in significant savings, reduction in wastage and higher yields. Our in-process data logging systems from HONEYWELL, dosing systems and load cell automation by METTLER, and Plant Vista software tracks and ensures batch to batch consistency. Our highly qualified & skilled manpower from research to production makes HARYANA an extremely totally reliable partner.



A large array of reaction, mixing, blending, production and storage equipments put HARYANA in a unique position to handle batches from 500 to 10000 kg. lot size. State of the art equipments for utilities ranging from steam, chilled water, compressed air, stand by power, temperature controlled storage tanks and high pressure vessels handle fully flexible production shift runs.



HARYANA PRODUCES AND SELLS 4000 Metric Tonnes per year under its own Brand

■ Reactions ■ Mixing ■ Grinding ■ Homogenizing ■ Blending ■ Storage

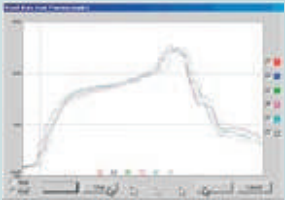


# End to End Execution

Our 'CUSTOMER FIRST' philosophy makes us adopt a totally flexible approach to meet the cost and quality challenge expected out of us. We undertake full guarantee and responsibility from CONCEPT to PRODUCTION to achieve the target cost and specifications.

Our deep understanding of application and customer requirements make us a leading formulator and producer for various industry segments.

Buying our standard products, or developing with your own specifications, whichever route you choose, you stand to benefit from our in-depth experience in research & scale up capabilities. This further ensures maximum economy, speed of development and reliable deliveries.



Evaluation

Optimization



Design

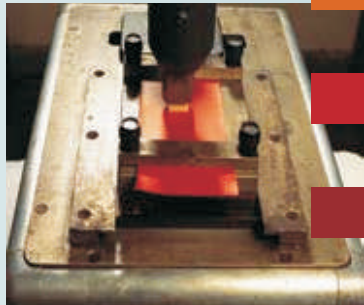
Controls

Trial Runs

Scale Up

Start Up

Maintain



HARYANA regularly receives Government sponsorship and funding for research and commercializing

# Quality through Research

HARYANA's ISO 9001-2000 quality systems certified by TUV Germany is not merely a system of documentation. The real quality control begins with vendor selection and flows through internal analysis, input material controls, in- production control, data logging, finished products' testing and final qualification.

The controls and inspections during packaging and labeling guarantee that your standards are not only met, but excelled.

Our SAP based quality audit trail does not leave any room for error in traceability while handling a complaint or process validation.

Routine and special testing capabilities allow HARYANA a complete drill down on material selections, analysis and on site behavior of products.



- Gas Chromatography
- High Pressure Liquid Chromatography
- Infra Red Spectrophotometry
- Laser Diffraction Particle Sizing
- UV/VIS Spectrophotometry
- Auto Titrations
- Karl Fisher Titrations
- Lovibond Tintometry
- Refractrometry
- Muller Testing
- Computerized dispersion stability
- IR weatherometry

HARYANA is the first Indian Chemicals Company to free its products from Banned substances and to provide its customers free testing of SVHCs (Substances of Very High Concern)

# Safety & Ecology

HARYANA strives to not just be an offshore supplier but to continuously make production safer and cleaner with our partners. Our responsibility towards environment is never compromised.

Energy audit, Waste water minimization, Waste recycling, Fuel efficiency and Solid waste Management is always under critical review as a part of our ISO 14000 system under implementation. Compliance with workers' safety and appropriate trainings remain our top priority without cutting corners.



Haryana is the first Indian company to free its products of banned substances for leather and textile to comply with latest international safety norms.

HARYANA has built an in-house testing platform to provide free testing for banned substances to its customers and end-users in the leather industry.



HARYANA has received awards for landscaping around our plant





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