



INDIAN RESINS MANUFACTURERS' ASSOCIATION

eNewsLetter

Edition: July 2026

INDIAN RESINS MANUFACTURERS' ASSOCIATION (IRMA)

A-715, Kailas Business Park, Parksite, Vikhroli(West), Mumbai 400 079.

T: 022-2517 0063 | M: +91 9867087531

E: info@irma.co.in / irma.resins@gmail.com

Website: www.irma.co.in



INDIAN RESINS MANUFACTURERS' ASSOCIATION

Quote of the Month

"The greatest danger in times of turbulence is not the turbulence—it is to act with yesterday's logic."

— Peter Drucker (Management Consultant & Author)

IRMA eNewsLetter

Edition: July 2026

Published by
INDIAN RESINS MANUFACTURERS' ASSOCIATION
A-715 Kailas Business Park, Parksit
Veer Savarkar Marg, Vikhroli (West), Mumbai 400 079
(T) 022-2517 0063, (M) 9867087531
Email: info@irma.co.in / irma.resins@gmail.com
Website: www.irma.co.in

Editorial Board

Chief Editor
Mr. Ashay Mehta

Members

Mr. N. Kannan - Co-Editor
Dr. Prashant Samant – Technical Editor
Dr. Parag Raut - Technical Editor
Mr. Hiren J. Shah – Commercial Editor

IRMA Managing Committee 2023-24 & 2024-25

Mr. Aditya Chandrachud - President
Dr. B. Venkataraman - Vice President
Mr. Bhagyesh Narkhede - Hon. Secretary
Mr. Gaurav Sathaye - Treasurer

Members

Mr. Hiren J. Shah - Imm. Past President & Member
Mr. Vikrant Bajaria - Mg. Committee Member
Mr. Satej Nabar - Mg. Committee Member
Mr. Varun Kapur - Mg. Committee Member
Mr. Raj Narkhede - Mg. Committee Member
Dr. Parag Raut - Special Invitee
Mr. Ashay Mehta - Special Invitee

For Private Circulation only

The Association does not accept responsibility for opinions and statements expressed by contributors to IRMA e-Newletter. The contents of IRMA e-Newsletter are copyright and permission to reproduce any item in full or part must be obtained from the Editor & Editorial Board.

CONTENTS

From The Editor's Desk	4
From The President's Desk	5
Technical Article	
Next-Gen Macromolecular Engineering: Technical Trends Shaping Resins.....	7
Management Article	
Marketing Bulls Eye A Series On Marketing Strategies	9
Business Article	
VOLATILE TIMES	12
News	14
Events	
Indian Resins Manufacturers' Association (IRMA) – General Body Meeting	16
Wellness corner	22



From The Editor's Desk

Dear Members,

I hope this message finds you well. As the editor of the Indian Resins' Manufacturers Association (IRMA), I wanted to take a moment to highlight some key updates and initiatives within our community:



1. **Industry Trends:** Our industry continues to witness dynamic shifts, driven by technological advancements, environmental regulations, Political changes impacting raw material, trade policy changes both domestically and globally and changing customer preferences. With the Paint industry poised for a robust growth due to strong focus on infrastructure projects, rapid increase in production capacities and new projects, across the industries and hyper growth in the housing segment, Resin industry is looking forward to witnessing exciting times ahead.
2. **Sustainability Initiatives:** Sustainability remains a central focus for the paint and resin sector. We as a Resin industry collectively would appeal and urge all our valued members to put in efforts in adopting eco-friendly practices, using more and more ' Green ' raw materials and developing sustainable end products. Let's continue to work together towards a greener future. I would request all members to come forth with their proposals and suggestions towards implementing sustainability and highlight their achievements, so that we can show case the same in IRMA as well as other fellow organization bodies. Let's together make this world a cleaner and greener place for us as well as generations to come by contributing in whatever little ways we can.
3. **Past Events:** General Body meeting was held on 17th July'2026. The details of the business discussed mentioned in the pages inside.
4. **Upcoming Events:** We are excited to announce the first ever IRMA conference at Srilanka. The details will be notified from time to time. Do not miss out on our various upcoming events in our IRMA IMPACT series.
5. **Call for member's participation:** I welcome participations and contributions from our members on a wide range of topics, including technical advancements, case studies, market analyses, and sustainability initiatives. Share your expertise and contribute to the collective knowledge of our community and betterment of the industry as a whole.

As always, I encourage your active participation and feedback. Together, we can drive the growth and prosperity of the paint and resin industry in India.

Best regards,

Ashay Mehta,
Chief Editor, IRMA

From The President's Desk



Dear Members,

Warm greetings to all.

The past few months have once again demonstrated the resilience and adaptability of our resin manufacturing industry. Despite continued volatility in raw material prices, fluctuating global demand, and an increasingly competitive marketplace, Indian resin manufacturers have continued to serve customers with commitment, innovation, and unwavering determination. While challenges remain, I am confident that our industry's strength lies in its ability to adapt, collaborate, and continuously improve.

At IRMA, we remain equally committed to creating value for our members. Our recent General Body Meeting witnessed enthusiastic participation and constructive discussions on matters important to the association and the industry. Such interactions strengthen our collective voice and reinforce the spirit of cooperation that has always been IRMA's greatest asset.

I am particularly delighted to invite you and your family to the **IRMA International Residential Seminar 2026** to be held in the beautiful island nation of **Sri Lanka**. The seminar has been thoughtfully designed to combine insightful technical sessions, networking opportunities, and memorable sightseeing experiences. You can also enjoy quality time with family in a picturesque setting. I sincerely encourage every member to participate and make this event a grand success. **Early Bird registration is available only until 30th August 2026**, so I urge you to register at the earliest and take advantage of the special pricing.

As always, I thank each one of you for your continued trust, participation, and support. Together, let us continue to strengthen our association, embrace new opportunities, and contribute to the sustained growth of the Indian resin industry.

With warm regards,

Aditya Chandrachud
President, IRMA



GOING GLOBAL

Seminar On

Resins - Today & Tomorrow - XIV Connect - Collaborate - Grow

**IRMA'S 1ST EVER
INTERNATIONAL CONFERENCE**

A global platform for insights, innovation
and partnership in the Resins industry.

12th - 15th NOV 2026

Hotel Cinnamon Lakeside, Colombo

DELEGATE FEES

~~₹ 75,000~~ per person

₹ 66,000 +5% GST +2%TCS

Early bird offer valid till 30 Aug 2026

DR. PRASHANT SAMANT
Convener

ADITYA CHANDRACHUD
President

MUKUND HULYALKAR
Chairman - Advisory Committee

INDIAN RESINS MANUFACTURERS' ASSOCIATION

A-715, Kailas Business Park. Parksite, Vikhroli (West), Mumbai 400 079.

(T) 022-2517 0063, (M) 9867087531, 9082095319

email: info@irma.co.in / irma.resins@gmail.com

website: www.irma.co.in

Next-Gen Macromolecular Engineering: Technical Trends Shaping Resins

The global synthetic and industrial resin landscape is undergoing a profound structural and chemical transformation. Driven by stringent global VOC mandates (such as the EU Green Deal and North American REACH alignment), manufacturing paradigms have officially shifted. The industry has moved past incremental formulation updates into an era of advanced macromolecular engineering.

Four breakthrough technical trends dominate R&D labs and industrial applications:

1. Single-Layer Monolithic Systems: The 2K Waterborne DTM Breakthrough

Industrial coatings have historically relied on multi-layer applications (a primer for corrosion resistance and adhesion, followed by a topcoat for weatherability and aesthetics). The latest frontier in industrial resin synthesis is eliminating this multi-step process via single-layer Waterborne 2K Direct-to-Metal (DTM) systems.

- **The Chemistry:** Synthesis focuses on hydroxyl-functional acrylate copolymer dispersions engineered to cross-link with low-viscosity hydrophilic polyisocyanates.
- **The Technical Mechanics:** By embedding specific polar anchoring monomers directly into the acrylic backbone, the resin achieving a thermodynamic phase separation upon application. The primer-like molecules migrate toward the metallic substrate to establish robust covalent adhesion, while the hydrophobic, UV-resistant acrylic blocks orient upward to form a high-gloss, chemical-resistant topcoat barrier.
- **Performance Metrics:** These advanced 2K waterborne emulsions now match the salt-spray corrosion protection and mechanical tensile strength ($\geq 70 \text{ MPa}$) previously isolated to solvent-borne legacy systems.

2. Mass-Balanced and Decoupled Circular Feedstocks

With the severe petrochemical chain disruptions caused by ongoing global geopolitical instability, resin synthesis is actively decoupling from traditional crude oil and natural gas derivatives. The current state of the art leverages mass-balanced bio-based intermediates and upcycled post-consumer plastics.

- **rPET-Derived Liquid Resins:** Chemical synthesis plants are breaking down post-consumer recycled polyethylene terephthalate (rPET) via glycolysis into functional oligomeric glycols. These recycled fragments are then polycondensed to yield high-performance solvent-borne and waterborne alkyd and polyester resins.
- **Bio-Based Epoxyethers:** To eliminate the historical performance gap between green alternatives and fossil-fuel baselines, current R&D focuses on Bio-Based Epoxyether Resins. These systems utilize plant-derived epoxidized oils and bio-glycerol-based epichlorohydrin, crosslinked with non-reactive or reactive polyamides to yield heavy-duty marine and anti-corrosive coatings with up to a 40% reduction in Product Carbon Footprint (PCF).

3. Photopolymer Evolution: UV Oligomers & Hybrid 3D Printing Resins

Industrial additive manufacturing and high-speed packaging applications are driving a massive transition toward instant-curing photopolymerization.

Resin Class	Curing Mechanism	Primary Technical Value	Target Applications
UV Oligomers	Radical/Cationic UV Curing	Zero VOC emissions, near -instant crosslinking at room temp	High-speed flexographic packaging inks.
Hybrid 3D Resins	Dual-Cure (UV + Thermal)	Mitigates standard photopolymer brittleness; tensile strength $\geq 70\text{ Mpa}$.	Functional engineering prototypes & automotive components.

The hybrid approach combines the exceptional speed of acrylic ultraviolet free-radical polymerization with the slower, stress-relieving properties of ring-opening epoxy or polyurethane thermal curing. The result is a highly isotropic printed part with a resolution down to 20 microns that resists UV-degradation over time.

4. Smart Coatings: Active Barrier Ketonic & PVB Resins

The definition of a resin has migrated from a passive binding agent to an active functional component. Specialty resins are now engineered for targeted performance profiles.

- **Synthetic Ketonic Resins:** Due to their highly polar structure, ketonic resins (such as high-temperature variants like HK-500 HT) are being widely leveraged as pigment co-binders. They dramatically optimize pigment wetting, allowing for extreme gloss retention and structural adhesion in severe acidic or saline environments (e.g., marine hull coatings).
- **Advanced Polyvinyl Butyral (PVB):** Synthesized via the acid-catalyzed butyralization of polyvinyl alcohol, modern PVB resins are engineered with highly specific residual hydroxyl content. This precise chemical tuning yields unparalleled optical clarity and impact-absorbing flexibility, making it the critical interlayer polymer for advanced automotive safety glass and high-end industrial metal primers.

Technical Perspective: The Death of JIT Formulations

The structural shift in resin engineering is heavily mirrored by smart manufacturing infrastructure. To offset feedstock supply line friction, modern synthesis reactors are integrating real-time AI analytics. Formulators are utilizing predictive molecular modeling tools to quickly calculate drop-in resin substitutions, maintaining exact product performance targets even when forced to swap volatile intermediates on a week-to-week basis.



Marketing Bulls Eye

A Series On Marketing Strategies

The New Rules of Resin Marketing: Thriving in an Era of Demand Volatility and Geopolitical Turbulence

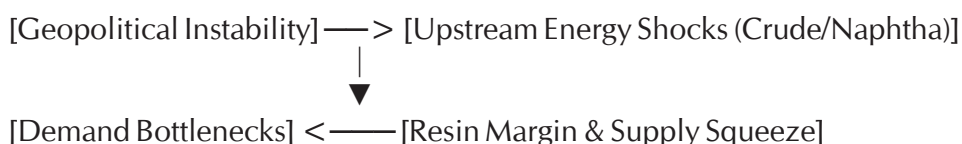
Executive Summary

The global synthetic resin market—spanning vital intermediate polymers such as epoxies, polyesters, polyurethanes, and acrylic emulsions—is experiencing an unprecedented structural shakeup. Long gone is the era of predictable, linear demand forecasts and stable, crude-linked pricing mechanisms. In today's business climate, the industry is caught in a vice grip: upstream petrochemical feedstocks are hypersensitive to geopolitical flashpoints, while downstream B2B buyers (spanning automotive, aerospace, packaging, and construction) alter their procurement orders almost weekly in response to microeconomic pressures.

For resin manufacturers and distributors, these conditions mean that legacy sales and marketing models are no longer viable. Success now requires a complete strategic pivot. Marketing is no longer just about presenting product datasheets or undercutting competitors on price per metric ton. Today, resin marketing must function as an ecosystem built on supply chain security, data-backed technical consultation, dynamic portfolio agility, and total radical transparency.

Section I: Structural Challenges Reshaping the B2B Buyer Psychology

To effectively market a product, a company must first intimately understand the pain points of its buyer. In the resin sector, the modern procurement officer's psychology is dominated by systemic risk mitigation.



1. The Death of the "Just-in-Time" Sales Pitch

For decades, chemical sales teams won contracts by promising lean, "just-in-time" (JIT) deliveries that minimized warehouse overhead for coatings and plastics manufacturers. Today, JIT is viewed by buyers as an unacceptable vulnerability. With major global shipping corridors plagued by maritime chokepoints and war-risk insurance premiums skyrocketing, a single delayed vessel carrying crucial inputs like Bisphenol A (BPA) or Epichlorohydrin can completely halt a customer's production line.

2. Upstream Price Transmission and the Margin Squeeze

Because standard synthetic resins are direct derivatives of crude oil and natural gas (via naphtha and ethylene pathways), upstream geopolitical spikes instantly translate into downstream resin inflation. Buyers are highly fatigued by rapid cost pass-throughs. When chemical producers levy sudden energy surcharges or

flat increases (such as recent \$155/MT hikes on Neopentyl Glycol), it strains the B2B relationship. Sellers can no longer simply pass on costs without offering structural value in return.

3. Asymmetric Regional Demand

While industrial demand fluctuates in mature Western markets due to regulatory pressures and shifting manufacturing footprints, emerging corridors in Southeast Asia and India are seeing a surge in flexible packaging and automotive production. This disparity requires a highly localized, fragmented approach to global marketing rather than a uniform, one-size-fits-all strategy.

Section II: Four Pillars of Strategic Resin Marketing Under Stress

MODERN RESIN MARKETING CORE PILLARS

Pillar 1: Marketing "Sourcing Security" Over Product Attributes

When the baseline availability of a chemical compound is highly uncertain, the primary value proposition shifts from what the product is to how reliably it can be delivered.

- **The "Supplier Plus One" Framework:** Forward-thinking resin companies are structuring their entire marketing narrative around their diversified manufacturing footprint. Demonstrating that you hold redundant production lines across politically insulated zones (e.g., dual-sourcing across North America and Southeast Asia) is a massive competitive advantage.
- **Promoting Nearshored Infrastructure:** Marketing materials should explicitly highlight localized storage hubs, regional blending facilities, and domestic supply chains. Showing a buyer that their reactive polyamide or acrylic emulsion is sitting in a warehouse just 200 miles away—rather than floating on an ocean liner thousands of miles out—removes a major psychological hurdle to closing the sale.

Pillar 2: Dynamic Portfolio Agility and "Material Substitution"

When specific chemical building blocks skyrocket in price or vanish due to regional embargoes, agile marketers pivot to alternative formulations.

- **Overspecification De-escalation:** Many industrial buyers use high-performance resins that are drastically overspecified for their final application. Marketing teams should proactively engage customers with technical audits, showing them how they can swap to lower-cost, highly available alternatives without sacrificing necessary end-product performance.
- **Bio-based and Circular Alternatives as Volatility Hedges:** Post-consumer recycled (PCR) resins, mass-balanced options, and bio-based liquid polyesters (such as rPET-derived resins) are no longer just corporate social responsibility checkboxes. They are decoupled from crude oil volatility. Marketing these sustainable alternatives as a practical buffer against geopolitical energy spikes aligns eco-friendly corporate goals with hard-nosed financial risk reduction.

Pillar 3: Transitioning from Transactional Vendor to Macro-Consultant

Modern B2B buyers do not need another simple order-taker; they need deep industry intelligence. The most successful marketing strategy in this environment is educational content leadership.

- **Shared Market Intelligence:** Resin producers should regularly provide predictive market insights, crude-to-naphtha cost transmission charts, and clear regulatory updates to their client bases. By openly explaining the macro-economics driving global price adjustments, suppliers can foster deep trust and soften the blow of necessary price corrections.
- **Radical Supply Chain Transparency:** B2B marketing channels should lean heavily on digital transparency tools. If a company utilizes real-time tracking, predictive logistics, or AI-backed risk assessment platforms, those features should be front and center in their sales pitches. Offering clients direct access to data portals detailing batch origins, carbon footprints, and exact transit milestones turns a opaque supply chain into a core, marketable product feature.

Pillar 4: Flexible Contract Structuring and Co-Created Risk Mitigation

Rigid, long-term, fixed-price contracts frequently fail during periods of prolonged geopolitical stress. Marketers must introduce flexible, collaborative financial structures.

- **Index-Linked Pricing Models:** Pitching pricing formulas tied to transparent third-party market indexes removes the adversarial nature of pricing conversations. Buyers accept that prices will scale up during geopolitical shocks, but they gain total confidence that savings will automatically be passed down once energy markets cool off.
- **Structured Dynamic Buffering:** Marketing and sales teams can offer custom volume guarantees tied to predictive client forecasting data. By co-creating customized safety stock models with distributors and key accounts, resin suppliers ensure guaranteed business continuity while locking in highly predictable volume commitments.

Conclusion: The Resilience Dividend

Operating successfully in an unstable global environment requires a complete cultural shift away from treating resin as a simple bulk commodity. Demand volatility and geopolitical friction are undeniably challenging, but they also offer a distinct opportunity to capture market share.

By shifting marketing strategies away from basic price competition and focusing heavily on supply chain resilience, portfolio adaptability, and consultative data sharing, forward-thinking resin companies can solidify their positions as indispensable partners. In this new landscape, the suppliers who sell security and business agility alongside their polymers are the ones who will capture premium margins and thrive.



VOLATILE TIMES

Geopolitical instability—specifically the escalating conflicts in the Middle East involving the U.S., Israel, and Iran—has thrown the global paint and resin industries into a prolonged state of high operational friction.

The interconnected nature of petrochemicals means that disruptions centered around critical nodes like the Strait of Hormuz have had immediate, cascading effects on raw material pricing, logistics, and production capacity worldwide. A detailed breakdown of the core problems facing the industry over the past three months follows.

1. The Upstream Price Shock (Petrochemical Feedstocks)

Because 40% to 60% of paint production costs are tied directly to petroleum-based inputs, the volatility of Brent crude has directly translated into manufacturing inflation. Over the past three months, raw material pricing has shifted from standard "supply-and-demand" mechanics to highly volatile "risk pricing," where geopolitics dictate the day's quotes.

- **Epoxy Systems & Core Resins:** Upstream feedstocks like Bisphenol A (BPA) shot up by 19% within weeks of the conflict's escalation, while Epichlorohydrin rose by 6%. This directly forced a passive, rapid price spike in final epoxy resins, which surged by more than 12% in a single week.
- **Neopentyl Glycol (NPG):** A vital building block for polyester resins and powder coatings, NPG experienced severe cost spikes, leading chemical giants like BASF to slap a \$155 per metric ton price increase on North American buyers.
- **Titanium Dioxide (\$\text{TiO}_2\$):** Massive producers like Tronox, along with leading Chinese exporters, implemented energy and sulfur surcharges, hiking \$\text{TiO}_2\$ prices by roughly \$100 per ton.

2. Severe Maritime Logistics Constraints & Surcharges

The geography of the current conflict has choked critical trade corridors, causing severe structural weaknesses to resurface.

- **Extended Lead Times:** With shipping activity heavily restricted through major Middle Eastern corridors, vessels are taking longer, circuitous sea routes. Lead times for binders, specialty additives, and solvents have stretched out significantly, making production forecasting highly erratic.
- **Skyrocketing Freight Fees & Surcharges:** Freight costs have been compounded by ballooning war risk insurance premiums and bunker fuel surcharges. Logistics providers are altering freight terms at a moment's notice, stripping paint companies of the ability to budget freight costs accurately.

3. The Margin Squeeze and Asymmetric Survival

The past 90 days have highlighted a harsh divide between global conglomerates and small-to-medium enterprises (SMEs):

- **The Aggressive Price Pass-Through:** Giant material and coating producers have outright refused to absorb these spikes. PPG initiated global price hikes of up to 20%, while India's Asian Paints executed a steep 12% across-the-board product line hike to buffer its margins.
- **The Threat to MSMEs:** While major corporations hold deep inventory buffers and have the leverage to demand multi-tiered contract pricing, Micro, Small, and Medium Enterprises (MSMEs) are being crushed. Lacking the working capital to navigate spot-market spikes or secure continuous supply, many smaller regional paint plants have been forced to cut production hours or temporarily shut down entirely.

4. Forced Dependency and Regional Bottlenecks

The crisis has exposed severe geographical dependencies, particularly in regions that lack domestic self-sufficiency for core upstream chemical intermediates.

- For instance, India's coating sector—despite its massive domestic capacity—faced prolonged shutdowns and low operating rates at its local TDI (Toluene Diisocyanate, critical for polyurethane coatings) plants.
- Coupled with the Middle East shipping gridlock, this forced the region into extreme, near-total dependency on Chinese chemical exports to fill the deficit. China exported over 19,100 tons of TDI to India in just the first five months of the year—rapidly approaching 60% of the entire previous year's total.

5. The Manufacturing Energy Tax

Beyond the physical ingredients of paint, manufacturing coatings and synthesizing resins are inherently energy-intensive processes. The broader fallout of the geopolitical conflict has driven up industrial electricity and fuel prices (particularly European natural gas and regional diesel/LPG prices). This means that even if a manufacturer can secure raw materials at a stable rate, the physical cost to melt, mix, and react the compounds inside the factory has steadily climbed over the past three months.

Summary Matrix of 90-Day Structural Pressure:

- **Resin Binders:** Sudden force majeure declarations by major producers; spot prices dictated by weekly crude shifts.
- **Contracts:** The death of predictable annual/quarterly fixed pricing; widespread adoption of flexible "risk surcharges".
- **Inventories:** Severe vulnerability exposed in companies relying on just-in-time logistics, sparking a industry-wide pivot toward localized warehousing and nearshoring.



INDUSTRY NEWS

The global paint and resin industries have experienced a dynamic and high-stakes environment marked by major corporate shifts, strategic investments, and persistent raw material volatility.

1. Major M&A and Strategic Corporate Moves

- **Nippon Paint's Bid for AkzoNobel's Decorative Business:** In mid-July 2026, Nippon Paint submitted a formal proposal to acquire AkzoNobel's decorative paints division. This highly anticipated move could reshape the global balance of power in architectural coatings, giving Nippon Paint massive expansion into the European and global markets.
- **Massive Advanced Materials Deal:** Solstice announced a definitive agreement to acquire Element Solutions in a massive \$14.5 billion transaction. The merger is expected to significantly consolidate the advanced materials and industrial coatings supply chain.
- **Capital Boost for AkzoNobel:** AkzoNobel successfully issued a €750 million bond. The capital injection is geared toward reinforcing their balance sheet and supporting long-term sustainability and digital projects amid growing competitive pressure.

2. Supply Chain Investments & Regional Expansions

- **Beckers Group Outposts in India:** Through its joint venture Berger-Becker Coatings, Beckers Group inaugurated a highly automated, next-generation resin plant in Nagpur, India. Scheduled for commercial production in Q3 2026, the plant will focus on high-performance polyester resins for coil coatings, utilizing up to 10% renewable feedstocks like recycled PET.
- **allnex Expands in Thailand:** Allnex announced a major capacity investment in Thailand for its Sag Control Agents (SCA). The expansion aims to satisfy the surging demand in the Southeast Asian automotive and industrial coatings sectors.

3. The Margin Squeeze: Crude Oil Volatility vs. Price Hikes

The financial narrative of the last two months has been dominated by volatile oil prices driven by geopolitical conflicts. Because crude oil derivatives account for 30% to 35% of paint raw material costs (directly impacting solvents, binders, and resins), manufacturers have been forced to act.

- **Calibrated Price Hikes:** Industry leaders like Asian Paints, Kansai Nerolac, and JSW Dulux have reported launching consecutive rounds of price hikes (with cumulative hikes hitting 11% to 12% in some decorative segments) to protect margins.
- **The Silver Lining for Packaging Resins:** Conversely, plastic packaging resin manufacturers operating under "cost-plus" pricing models actually saw a profit rebound. Because they successfully passed on the spike in raw resin prices to end-users, their margins expanded amid supply shortages and customer stockpiling.

4. Sustainability & Eco-Innovations

Tightening global volatile organic compound (VOC) regulations have pushed green technology from a niche option to a commercial necessity:

- **Biocide-Free Breakthroughs:** PPG's new biocide-free marine coating was awarded the prestigious ACS Green Chemistry Award, highlighting a shift toward high-performance, toxin-free antifouling technology.
- **Mass-Balanced Additives:** BASF rolled out a new portfolio of certified biomass-balanced additives aimed directly at architectural coatings, helping paint manufacturers reduce their product carbon footprints without sacrificing performance.
- **rPET Liquid Resins:** Leading the circular economy charge, allnex launched a series of solvent-borne alkyd and polyester liquid resins crafted from recycled PET (rPET), targeting the reduction of plastic waste.



Indian Resins Manufacturers' Association (IRMA) – General Body Meeting

IRMA organised its General Body Meeting on 17th July 2026, at the Chembur Gymkhana, Basement Hall, Mumbai.



The meeting started with the President, Aditya Chandrachud, welcoming the attendees. He gave a gist of the activities of IRMA and said that such forums remain central to IRMA's objective of fostering knowledge-sharing, collaboration, and long-term value creation for the resin manufacturing industry.

He then spoke about the planned first international conference of IRMA in Sri Lanka. Unveiling the Event brochure to members present, Dr Prashant Samant, Convenor of the International Conference, gave more details about the event.



Mukund Hulyalkar, Chairman, Advisory Committee, speaking about the International Conference, gave more details of the event and exhorted the members to register at the earliest for the same. Later, Hon. Secretary Bhagyesh Narkhede spoke & thanked all for attending in large numbers.

Mr. Shankar Ramakrishnan Iyer, the guest speaker of the day, addressed an increasingly relevant and thought-provoking topic in his lecture on "Work from Home – A Boon or a Curse?"

The way we work has undergone a dramatic transformation over the past few years, he said. Drawing from his extensive corporate experience and his acclaimed book 'Work From Her Home', Mr. Iyer shared his unique perspectives on productivity, collaboration, leadership, organisational culture and the future of work. His speech unfolded around an unexpected professional assignment that blurs boundaries and challenges assumptions—especially within modern corporate and leadership dynamics. The story resonated with corporate professionals, women leaders, and anyone who has questioned power structures, ambition, or the cost of success.



In the end, Mr. Gaurav Sathaye, Treasurer, proposed a hearty vote of thanks, and the Meeting concluded with networking & a sumptuous dinner .











INDIAN RESINS MANUFACTURERS' ASSOCIATION

WELLNESS DURING MONSOON

The monsoon season brings a welcome relief from the summer heat, but the sudden rise in humidity and moisture creates a perfect breeding ground for bacteria, viruses, and fungi. Staying healthy during the rains requires a proactive shift in your daily diet, hygiene, and lifestyle habits.

Here is your essential guide to staying vibrant, energized, and infection-free this monsoon.

1. Optimize Your Gut Health & Diet

The rainy season naturally slows down your digestive fire (metabolism), making you more prone to bloating, food poisoning, and bloating.

- **Pivot to Warm, Cooked Foods:** Avoid raw salads, cold juices, and pre-cut street food, which are high-risk vectors for waterborne bacteria (like E. coli and Salmonella). Stick to steamed vegetables, hot soups, and freshly prepared meals.
- **Integrate Digestive Spices:** Cook with anti-inflammatory and antibacterial spices such as ginger, turmeric, garlic, cumin, and black pepper to fire up digestion and boost immunity.
- **Be Smart About Hydration:** Dehydration happens subtly in humid weather. Drink boiled or thoroughly filtered water. Sip on warm herbal teas (like ginger-tulsi or chamomile) throughout the day to soothe your digestive tract.

2. Elevate Personal Hygiene & Skin Care

High humidity combined with sweat creates an ideal environment for stubborn fungal and bacterial skin infections.

- **Dryness is Your Armor:** Never stay in damp clothes or wet shoes after getting caught in a downpour. Fungi thrive in moist folds of the skin; keep your feet, underarms, and skin folds completely dry.
- **Anti-Fungal Care:** Wash your feet immediately with soap after walking through rainwater. Consider using an anti-fungal dusting powder between your toes if you wear closed shoes for long durations.
- **Wash Smarter:** Wash outdoor clothes with a mild disinfectant, and ensure they are completely dry before wearing them. Damp fabric can harbor mold spores that trigger respiratory allergies.

3. Mosquito & Vector Control

Monsoon stands for peak mosquito breeding season, driving up cases of Dengue, Malaria, and Chikungunya.

- **Stagnant Water Clearance:** Check your immediate surroundings weekly. Empty flower pots, AC drip trays, and open containers where water can collect.
- **Physical Barriers:** Wear light, loose, long-sleeved clothing when stepping out. Apply a reliable mosquito repellent containing DEED or Picaridin, especially during dawn and dusk.

4. Respiratory Protection & Immunity

The transition in weather frequently triggers asthma, seasonal allergies, and the common flu.

- **Regular Steam Inhalation:** Inhaling steam with a drop of eucalyptus oil once a day keeps your nasal passages clear and flushes out trapped allergens.
- **Vitamin C Loading:** Boost your white blood cell defense by eating citrus fruits, amla (Indian gooseberry), and bell peppers.

The Golden Rule of Monsoon Wellness: If you develop a sudden, high fever accompanied by severe joint pain or chills, avoid self-medicating with over-the-counter painkillers. Consult a doctor immediately to rule out monsoon-specific tropical infections.

