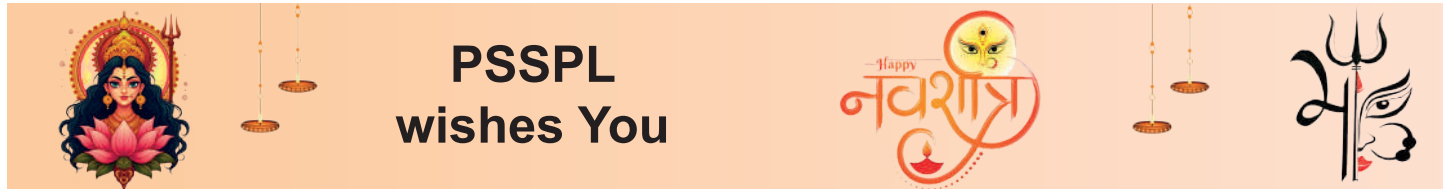


INSIDER

ISSUE 12

For Internal Circulation Only



PSSPL News

SFCHINA SHANGHAI EXHIBITION 2025

WE ARE PARTICIPATING
SFCHINA 2025 

SFCHINA SHANGHAI EXHIBITION 25TH TO 27TH NOVEMBER 2025.
To Answer All Of Your Questions, Plan To Stop By Or
Email Sourcing@progressivesurfacesystems.com
To Schedule An Appointment.

VISIT US Hall E1, Zone 1, Booth E1.D72

PSSPL is delighted to announce its participation in SFCHINA 2025, happening from November 25th–27th, 2025 at SNIEC, Shanghai. Join us at Hall E1, Zone 1, Booth E1.D72 to connect with our experts. Discover our advanced electroplating chemicals, metal finishing technologies, and customized plant solutions for global industries. We look forward to welcoming you and exploring opportunities for collaboration.

Product Focus: LC430

LC430 is a non-yellowing, low-temperature cure capable cathodic lacquer process. It is optimised for lacquering items that require an anti-tarnish protective coating without the need for the advanced chemical resistance available from the ULTEC family. The resin system has excellent edge-coverage properties to enhance corrosion protection. This can be used for dye gold process. It provides a smooth, uniform finish with reliable long-term durability.



Follow Us On Social Media



Active Involvement

Progressive Surface Systems Pvt. Ltd. (PSSPL) presents STRIPEX – a premium range of high-performance strippers for safe, efficient coating and metal removal. Formulated to preserve substrate integrity, STRIPEX includes acid-free, alkaline, and ready-to-use solutions for various metals. Variants like STRIPEX TIN NF & FE, 72-BR, 76 AN-NI, 78 JS & 77 JS cater to copper, brass, steel, aluminium, and titanium. These solutions offer excellent selectivity, safety, and precision in stripping applications. Ideal for industries focused on recovery, rework, and high-quality metal finishing.

Twitter handle:

psspl_surface

LinkedIn account:

Progressive Surface Systems Pvt Ltd

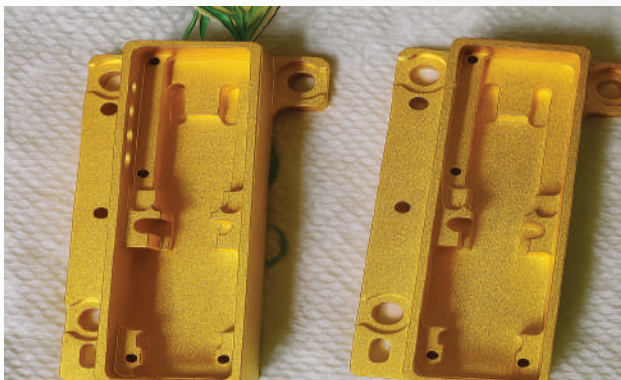
**NEW
ARRIVAL**

NEW LAUNCH

HIGH SPEED GOLD & SILVER PROCESSES

AURICID 2120

AURICID 2120 is a cyanide-free, eco-friendly gold plating process that offers smooth deposits with fine ductility. It combines sustainability with high-performance coating for advanced electronics and decorative use. The process ensures excellent corrosion resistance and long-term reliability.



NITEC HS 300

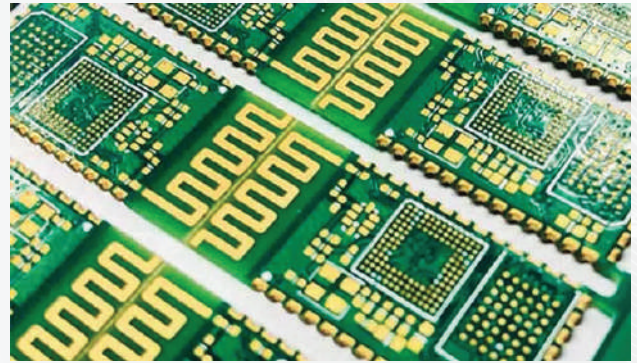
NITEC HS 300 is a modified sulfamate nickel bath that delivers semi-bright, ductile deposits at high speed. It is widely used in electronics and connector finishing where stress-free, reliable nickel layers are required. The bath supports excellent thickness distribution and low internal stress across complex geometries.



AURICID 20

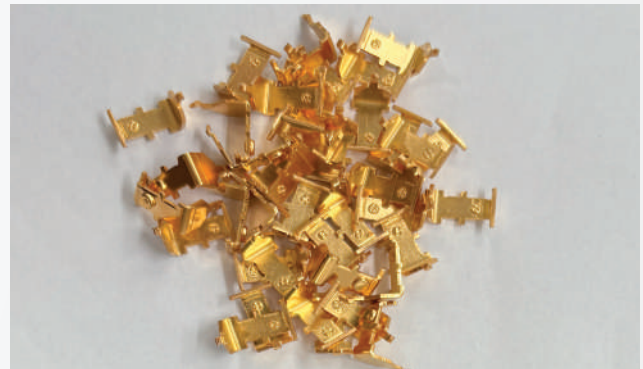
AURICID 20 is an immersion gold bath designed for producing uniform, thin gold layers with excellent adhesion on nickel substrates.

It ensures consistent quality and durability, making it suitable for precision applications. The bath delivers stable performance with minimal maintenance requirements.



AURICID 4040

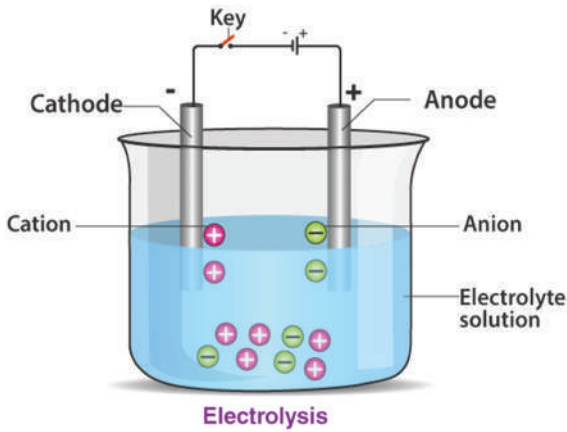
AURICID 4040 is a high-speed gold/cobalt bath that produces hard gold coatings with superior abrasion and corrosion resistance. Its robust deposit properties make it ideal for demanding electronic and wear-resistant applications.



SILDIOR HS 100

SILDIOR HS 100 is a high-speed, non-cyanide silver electrolyte that produces semi-gloss, ductile, and bondable deposits. It is specially formulated for connector applications where conductivity and reliability are critical.





SERIES 10

RACKING OF PLATING WORK

1. WHAT IS A PLATING RACK?

A plating rack is a mechanical device for suspending and conducting current to one or more cathodes in a plating bath. It may vary from a simple copper wire to a complex steel framework weighing several tons.

2. WHAT ARE THE ESSENTIAL PARTS OF A PLATING RACK?

The essential parts of a plating rack are:

- The hook for making electrical contact with the cathode bar;
- The spine for supporting the work and carrying current to it;
- The tip for making electrical contact with the part; and
- The rack coating to insulate the frame and confine the current to the parts being plated.

3. WHAT REQUIREMENTS MUST A PLATING RACK MEET?

A plating rack must be of sufficient weight, size, and current carrying capacity to hold the work being plated. The size of the rack is determined by:

- The weight of the articles to be plated;
- The dimensions of the parts;
- The number of parts per rack;
- The dimensions of the plating tanks;
- The maximum weight of the rack plus parts that may be conveniently handled between tanks;
- The maximum current required for the parts; and
- The dimensions of auxiliary fixtures attached to the rack, such as insulating shields or current "thieves".

INDUSTRIAL NEWS

Key Insights from Sep 2025 Auto Sales

Maruti Suzuki India Ltd:

In September 2025, Maruti Suzuki India Ltd registered total sales of 189,665 units. The domestic market accounted for 135,711 units, while 11,750 units were supplied to other OEMs. Exports stood at 42,204 units, contributing significantly to overall sales. This also marked the company's highest-ever monthly export performance.

Tata Motors:

For Tata Motors' Passenger Vehicles segment, September 2025 proved as a landmark month. Sales reached an all-time high of 60,907 units, including 59,667 units in domestic wholesales. This represented a significant year-on-year growth of 47%.

Mahindra & Mahindra:

In the Utility Vehicles segment, Mahindra recorded domestic sales of 56,233 units, reflecting a 10% year-on-year growth. Overall sales, including exports, reached 58,714 units. In the Commercial Vehicles category, domestic sales stood at 26,728 units, marking a robust 18% growth.

SEP 2025 AUTO SALES

Company Name	Total Sales (Sep 2025)	Total Sales (Sep 2024)	YoY%
Four Wheelers			
Maruti Suzuki India Limited	1,89,665	1,84,727	3%
Tata Motors Ltd (PV)	60,907	41,313	47%
Tata Motors Ltd (CV)	35,862	30,032	19%
Mahindra & Mahindra	1,00,298	68,413	47%
Two Wheelers			
Bajaj Auto	5,10,504	4,69,531	9%
Eicher Motors Ltd (Motor Cycles)	1,24,328	86,978	43%
Trucks & Buses			
Eicher Motors Ltd	7,619	7,809	0.1%
Ashok Leyland Ltd	18,813	17,233	9%
Escorts Kubota Ltd	18,267	12,380	47.6%
SML Isuzu Ltd	950	1,055	-10%

MDs CORNER



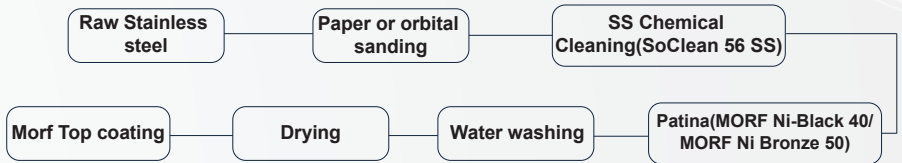
MORF- Ni Black 40

Jet Black Finish for Stainless Steel & Nickel Alloys

MORF NI-Black-40 is a liquid designed to impart a jet-black color to Stainless Steel and Nickel Alloys. It can be used with a brush, or as a dip. It is widely used in architectural works, furniture, lighting fixtures, gift items, hardware, sculptures, and a variety of other industries.

Why MORF Ni-Black-40 Stands Out?

- Imparts a deep **jet-black finish** on stainless steel & nickel alloys with premium aesthetic appeal.
- Offers **easy application** by brush or dip (dilution 1:2, 30-60 seconds).
- Ensures a **uniform finish** with simple pre-cleaning steps.
- Finish can be **protected with wax, spray, or lacquer** for long-lasting durability.



MORF NI-Black-40 finds applications in architectural works, decorative hardware, furniture, lighting fixtures, sculptures, gift items, and premium stainless steel and nickel alloy finishes. It offers a sleek, durable, and corrosion-resistant black finish that enhances both aesthetics and performance.

Plant Implementation: Safety & Facility Improvements at Vasai Factory.

At the PSSPL Vasai factory, we have implemented several key safety and facility improvements to enhance workplace safety, efficiency, and regulatory compliance. A windsock has been installed for emergency preparedness, and outdated fire balls and sand buckets were replaced. The fire hydrant and sprinkler systems are now maintained under AMC servicing for reliability. To ensure worker safety, rubber-soled safety shoes and full-length lab coats have been provided. Facility upgrades include a secure grill in the solvent room and a new gate pass and visitor ID system with clear guidelines. These initiatives underscore our continued commitment to safety, security, and operational excellence. We will continue to proactively invest in measures that safeguard our people and facilities.

