



ADHESIVES

for Packaging, Lamination & Industrial Applications

ADHESIVE PORTFOLIO

CATEGORY		PRODUCT NAME	APPLICATIONS	SUBSTRATES	PRODUCT FEATURES
FLEXIBLE PACKAGING PU ADHESIVES					
1.	Solvent Free Two Component Polyurethane-Medium Performance	Cosmobond™ SLP 705A/605B	Supports a wide range of FMCG and food packaging applications, from small shampoo sachets to medium performance packaging formats, including frozen foods, 2 kg detergent packs (Surf, Ariel), salt pouches, and heavy-duty 5 kg atta bags	Supports all major flexible packaging films, including PET, BOPP, CPP, Nylon, Aluminum Foil, PE, Metallized Films, and other laminated structures	- Long pot life for enhanced operational flexibility - No increase in Coefficient of Friction - Suitable for high-speed lamination of metallized structures - Ideal for processing high-micron PE films - Excellent bond strength across diverse flexible packaging substrates - Supports medium-high-performance packaging applications - FDA compliant (21 CFR 175.105)
2.	Solvent Free Two Component Polyurethane-General Performance	Cosmobond™ SLP 703A/603B	Suitable for a wide range of general-performance packaging applications, including masala, noodles, tea powder, biscuits, snacks, and other FMCG food products	Supports PET, BOPP, CPP, Metallized Films, PE, and other commonly used flexible packaging film structures	- Long pot life for enhanced processing flexibility - No increase in Coefficient of Friction - Suitable for nitrogen-flushed (N₂) pouch applications - Excellent bond strength across various flexible packaging structures - FDA compliant (21 CFR 175.105)
WATER BASED DRY LAMINATION ADHESIVES					
3.	Dry Lamination Adhesive	Cosmobond™ FPD 301	Application for laminating all types of films to printed paper board by dry lamination process	All types of films to printed paper board	- High-speed curing - Excellent Bonding - FDA Compliance (21CFR175.105) - Better performance for creasing, embossing, and guttering in carton machining processes - ROHS & heavy metal compliance
4.	Dry Lamination Adhesive	Cosmobond™ FPD 302	Application for laminating all types of films to printed paper board by dry lamination process	All types of films to Printed paper board	- High-speed curing - Excellent Bonding - FDA Compliance (21CFR175.105) - Excellent heat resistance - ROHS & heavy metal compliance - Excellent machine runnability
5.	Side Pasting Adhesive (Nozzle) High Performance	Cosmobond™ SPA 410 HP	Nozzle application for all types of folding box carton pasting like side pasting, lock-bottom pasting, flap pasting, window pasting	Monocartons laminated with films, UV printed, Aqua varnished	- Excellent for high-speed pasting operation - Strong adhesion, especially on film and UV-coated surfaces - Resistance against climatic conditions - ROHS compliance and heavy metal-free - FDA Compliance (21CFR175.105)
6.	Side Pasting Adhesive (Wheel) High Performance	Cosmobond™ SPW 457 HP	Wheel applications for carton pasting such as liner pasting, window pasting, side pasting, top and bottom flap pasting	Monocartons laminated with films, UV printed, Aqua varnished	- Excellent for high-speed pasting operation - Strong adhesion, especially on film and UV-coated surfaces - Resistance against climatic conditions - ROHS compliance and heavy metal-free - FDA Compliance (21CFR175.105)
7.	Side Pasting Adhesive (Nozzle)- General Performance	Cosmobond™ SPA 201	Application for pasting of paper-to-paper substrates by Nozzle	All types of Papers and paperboards	- Excellent for high-speed nozzle application - Suitable for paper bags and envelope, shipping boxes - FDA Compliance (21CFR175.105) - RoHS compliance and heavy metals-free - Excellent for corrugated shipping box pasting

WATER BASED DRY LAMINATION ADHESIVES

8.	Side Pasting Adhesive (Wheel) General Performance	Cosmobond™ SPW 257	Application for pasting of paper-to-paper substrates by Wheel	All types of Papers and paperboards	• Excellent for high-speed wheel application • Suitable for paper bags and envelopes, shipping boxes • FDA Compliance (21CFR175.105) • RoHS compliance and heavy metal-free • Excellent for corrugated shipping box pasting
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Launching Soon

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9.	Dry Lamination Adhesive	Cosmobond™ FPDL 350	Application for laminating all types of films to printed paper board by dry lamination process	All types of films to Printed paper board	• High gloss and heat resistance • Excellent for high-speed machines • Excellent Bonding strength • FDA Compliance (21CFR175.105) • ROHS compliance and heavy metals-free • Better performance for creasing, embossing, and guttering on carton machining processes
10.	Paper/Foil Lamination Adhesive	Cosmobond™ PFL 450	Application for laminating paper to foil and film for making mouth freshener, pan masala and Gutkha pouches	Paper to aluminum foil, PET film and CPP film	• Excellent heat resistance • Water and moisture resistance • Excellent for high-speed pouching • FDA Compliance (21CFR175.105) • ROHS compliance and heavy metals-free
11.	Pressure Sensitive Adhesive	Cosmobond™ PSA 1200	PSA application for making filmic labels	Compatible for coating with all types of liners and films	• Excellent tack, peel and shear • Good compatibility with pigments • Excellent for high-speed coating machines • FDA Compliance (21CFR175.105) • ROHS compliance and heavy metals-free
12.	Next-Generation High Performance Solvent-Free Polyurethane Adhesive	Cosmobond™ SLPU 501A/401B	Suitable for a wide range of general-performance packaging applications, including masala, noodles, tea powder, biscuits, snacks, and other FMCG food products	Supports PET, BOPP, CPP, Metallized Films, PE, and other commonly used flexible packaging film structures.	• Long pot life • Reduced Brittleness, Good flex-crack resistance • Lower residual free NCO • No increase in COF • User friendly Adhesive Ratio flexibility • Suitable for N₂ Flushed pouches. • Excellent bond strength across various flexible packaging structures • FDA compliant (21 CFR 175.105)

ABOUT US

Established in 2020, Cosmo Speciality Chemicals Private Limited (CSCPL) is a 100% subsidiary of Cosmo First Limited.

Started with a vision to be a top choice in speciality chemical manufacturers, constantly innovating for a better & safer tomorrow, Cosmo Speciality Chemicals today has become a leading player in speciality chemical solutions like water-based adhesives, adhesives for flexible packaging, lamination adhesives, masterbatches & coatings that guarantee quality with innovation.

ABOUT PARENT COMPANY

Established in 1981 by Mr Ashok Jaipuria, Cosmo First Limited is an over four-decade-old global conglomerate. Its consumer vertical comprises Cosmo Consumer, which is into Window Films, Paint Protection Films & Ceramic Coatings for automobiles, and Zigly Pet Care, which provides a digital-first omni channel pet care ecosystem. Its industrial vertical includes Cosmo Films for speciality films for packaging, labels, lamination, and industrial applications; Cosmo Speciality Chemicals for coatings, adhesives and masterbatches, and Cosmo Plastech for rigid packaging. With sustainable innovation, development, and research embedded in its core values, Cosmo First serves customers in 100+ countries.

RESEARCH & DEVELOPMENT

Our cutting-edge R&D facility is equipped with a comprehensive suite of advanced analytical and processing instruments, enabling precise product characterization and innovation at the molecular level.

- Analytical Capabilities: FTIR, FTIR-Microscope, DSC, TGA, DMA, GC-MS, SEM-EDS, Optical Microscope, Particle Size Analyzer, Intrinsic Viscosity Analyzer, and Filter Pressure Test Machine.
- Processing Capabilities: Blown Film Line, Cast Film Line, Twin Screw Lab Extruder, and Advanced Film Stretcher (KARO-IV).

With this robust infrastructure, our scientists deliver precision, reliability, and breakthrough innovation in every stage of product development.



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Mumbai Sales Office

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