

## Cosmo Specialty Chemicals Introduces Eco-Friendly Barrier Coating Solutions for Sustainable Packaging

**New Delhi, 20 February 2025:** Cosmo Specialty Chemicals, a 100% subsidiary of Cosmo First and a one-stop solution for a range of Adhesives, Masterbatches, and Coating Chemicals, has launched its innovative range of Oil and Grease Resistant (OGR) barrier coatings. These advanced solutions offer sustainable alternatives to traditional polyethylene coatings, addressing growing environmental concerns while maintaining superior performance.

Globally, various governments have implemented phasing out traditional polyethylene coatings focusing on sustainable packaging solutions. Cosmo Specialty Chemicals is moving in this direction by launching two distinct grade OGR coatings - OGR 145B and OGR 145S - designed to meet diverse packaging requirements across industries. These water-based formulations are a sought-after solution for the packaging industry in its efforts toward green manufacturing.

*"Our new range of OGR barrier coatings reflects Cosmo Specialty Chemicals' commitment to innovation and sustainability," said **Mr Raj Sharma, Business Head of Cosmo Specialty Chemicals.** "By developing eco-friendly alternatives that maintain high-performance standards, we are addressing the current market demands and anticipated future needs. These solutions deliver exceptional barrier properties while supporting our customers' environmental goals and regulatory compliance requirements."*

The OGR 145B, a non-heat sealable barrier coating, offers excellent oil and grease resistance for food packaging applications. Its unique formulation provides superior water and oil resistance properties, versatile coating application compatibility, anti-blocking properties, zero VOC emissions and is FDA compliance for direct food contact.

Complementing this, the OGR 145S variant introduces heat-sealing capabilities, specifically engineered for paper cup manufacturing. This coating delivers enhanced heat-seal properties for paper-to-paper bonding, excellent resistance against water, moisture, oil, and grease, flexible application options including gravure, flexo, and air knife coating and food-grade compliance for safety.

Both products undergo rigorous testing through KIT and Cobb Index measurements, ensuring optimal performance in grease resistance and water absorbency. These scientifically validated parameters guarantee consistent quality and reliable barrier protection across various applications.

### About Cosmo Speciality Chemicals

Cosmo Speciality Chemicals is a 100% subsidiary of Cosmo First Limited. The company was established in 2020 with a vision of providing the best and most competitive products through innovations based on sustainable science. With Innovation, commitment to excellence and superior quality products, CSC is a one-stop solution for a range of Adhesives, Masterbatches, Coating Chemicals.

Cosmo Speciality Chemicals manufactures a wide range of coatings for excellent ink adhesion, gloss, clarity, durability, and resistance to scuff and scratches for a wide range of packaging, lamination, and synthetic paper applications.

Cosmo Speciality Chemicals is one of the leading adhesive manufacturers in India. The adhesives improve assembly quality while also decreasing production costs. CSC Adhesive Division is now a hub for a portfolio of combined technologies, innovations, expertise, and resources committed to growth in label, packaging, and lamination adhesive products.

CSC Adhesive division innovates technologies that employ a wide range of adhesives to enhance the performance of finished goods. They have a dedicated R&D, manufacturing, marketing, and technical support group for adhesives. The CSC Adhesive group has state-of-the-art analytical, physical, and performance property evaluation and testing capabilities available to help customers develop prototypes and troubleshoot problems.

**About Cosmo First Limited:**

Established in 1981 and founded by Mr. Ashok Jaipuria, Cosmo First is a global leader in specialty films and an emerging player in speciality chemicals (Masterbatches, Adhesive, & Coating), Cosmo Plastech and Cosmo Sunshield, along with a digital-first Omni channel Pet care business under the brand name 'Zigly'. Cosmo First is into D2C, B2B2C and B2B businesses and has operations in India, Japan, Korea, Europe, and the Americas. Visit [www.cosmofirst.com](http://www.cosmofirst.com) for more details.