

Coating Excellence
Industrial Wood Coatings



ABOUT MMSC

MMSC is committed to sustainable innovations to formulate chemical products through in-house Product development and Research to ensure world-class technologies reach the end customer.

MMSC is a quintessential chemical technology company with strong expertise in polymers, materials, and cosmetic ingredients. With a strong foundation in advanced material science, the company has developed a deep specialization in UV-curable technologies and high-performance coatings.

The company was initially established to meet the rapidly increasing demand for energy-cured (UV-cured) materials in the automotive sector, as well as the evolving needs of the personal care industry. This focus on UV coating systems helped MMSC become a trusted partner for industries seeking fast-curing, durable, and high-quality surface solutions.

PRODUCT BROCHURE

- 1. UV PRIMER**
- 2. UV SANDING SEALER**
- 3. UV TOP COAT HIGH GLOSS**
- 4. UV TOP COAT MATT**





>> **UV PRIMER**

UV Primer (Roller Coater Grade) is a UV-curable primer coating developed for application through roller coating machines on laminated boards, sunmica boards, and other non-porous substrates. It is designed to be applied before printing or over printed sheets to ensure consistent film build and superior adhesion.

The primer provides an even, controlled coating layer that increases surface energy and acts as an anchoring layer for subsequent UV coatings. When applied via roller coater it ensures excellent leveling, uniform thickness, and high intercoat adhesion, resulting in durable and defect-free top coatings.

Key Features:

- *UV-curable primer suitable for roller coater application*
- *Excellent wetting on laminated and sunmica surfaces*
- *Enhances intercoat adhesion of UV coatings*
- *Minimizes defects such as peeling, delamination, and poor bonding*

Applications:

- *Laminated decorative boards*
- *Sunmica sheets*
- *Non-porous and low-absorbency surfaces*
- *Printed boards requiring UV top coating*





>> **UV SANDING SEALER**

UV Sanding Sealer is a UV-curable sealer coating designed for post-print application on flat surfaces such as sunmica boards, laminated boards, and veneer doors. It is suitable exclusively for roller coater application.

It enhances abrasion and scratch resistance, ensures clean cut edges, reduces wastage, and improves processing efficiency, while providing durable protection during handling and transportation.

Key Features:

- *UV-curable primer suitable for roller coater application*
- *Excellent wetting on laminated and sunmica surfaces*
- *Enhances intercoat adhesion of UV coatings*
- *Minimizes defects such as peeling, delamination, and poor bonding*

Applications:

- *Laminated decorative boards*
- *Sunmica sheets*
- *Non-porous and low-absorbency surfaces*
- *Printed boards requiring UV top coating*



>> **UV TOP COAT HIGH GLOSS**

- **UV Top Coat:** High Gloss is a UV-curable coating that provides a clear, mirror-like gloss with excellent durability and surface protection.
- **Roller Coater Grade:** Optimized for smooth and uniform application on flat panels through roller coating machines.
- **Spray Booth Grade:** Formulated for spray application to achieve consistent high-gloss finish on complex shapes and surfaces

Key Features:

- Delivers a High-Gloss, mirror like finish
- Non-yellowing for long-term clarity and brightness
- Heat-resistant; resists cracking at elevated temperatures
- Improved scratch, stain, and abrasion resistance

Applications:

- Laminated decorative boards
- Sunmica sheets
- Veneer Doors and Wooden Doors
- Printed Laminated board



>> **UV TOPCOAT MATT**

Matt is a UV-curable coating designed for wood, laminated boards, and decorative panels, providing a smooth, non-reflective matt finish. It is formulated exclusively for roller coater application, offering uniform coverage, excellent leveling, and surface protection. The coating is non-yellowing, durable, and resistant to scratches and stains, making it ideal for furniture, laminated boards, and wooden panels.

Key Features:

- *Delivers a Matt Finish*
- *Non-yellowing for long-term clarity and brightness*
- *Heat-resistant; resists cracking at elevated temperatures*
- *Improved scratch, stain, and abrasion resistance*

Applications:

- *Laminated decorative boards*
- *Sunmica sheets*
- *Veneer Door's and Woodend Door's*
- *Printed laminated board*



Final Products



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