



UV 13555

13555 UV SCREEN TOPCOAT FOR EMBOSSED EFFECT

General Information

13555 is a UV curable topcoat specially designed for Screen applications. It can be used on both Rotary and Flatbed Screen applications. Typically this coating has outstanding flow and leveling properties and has excellent curing capability. It creates an even, smooth, highly raised, embossed surface with high gloss

Typical End Use

For magazines, Posters, Brochures, Leaflets, Packaging, Labels

Typical Properties

Low Odor, High Viscosity, Solvent Free, can be further processed immediately.

At a Glance, This Coating;

Gluable/Imprintable	No	Flexibility	Very Good
Suitable Hot Stamping	No	Suitable for In-Line	Yes
Applied via	Screen	Recommended Mesh	60 or 120 LPI

Technical Data

Viscosity @ 77 F – Brook field	4500 – 5500 cps	Liquid Appearance	Hazy White
Viscosity @ 77 F – Viscometer AND 10	3.5 – 6.0 Pas	Odor	Typical
Reactivity with 300 WPI Lamp	300 F / min	Cured Appearance	Clear film
Solid Content	> 100 %	Gloss	90+ at 60° Angle

Recommended Application

This coating is designed to for Screen applications. It can be used in both Rotary and Flatbed Screen applications. To get the optimal gloss the recommended application weight is app 1.5 to 2 Lb. per / MSF

Processing

Mix well before use, making sure that equipment is clean in order to avoid contamination from other materials.

Machine and Drying

This coating is designed to be cured at 300 FPM w 1-300 Watt / inch lamp. Greater press speed and curing capability may be achieved with additional UV lamps. Substrate may also have an effect on cure speed. Always test coating for compatibility with Ink systems, substrates and for sufficient cure before general use.

Cleaning

Machine and other equipment can be cleaned with Alcohol or other UV cleaning products.

Shelf Life and Storage Conditions

UV Products must be stored tightly closed, away from sunlight, avoiding temperatures higher than 100F. UV Products are packaged leaving sufficient air space to prevent accidental polymerization of the product. NORMAL STORAGE DURATION: 1 year

Safety

UV Products are generally considered to be non-toxicological. However during handling and use the user should avoid inhalation of vapors as well as direct eye or skin contact. UV products can be an irritant to skin and eyes, wash immediately with soap and water if there is direct contact. Protective eyewear and latex gloves are recommended while using this product. Consult the MSDS for additional handling and safety information.

Packaging

This product is available in:

- 5 - Gallon pails
- 55 - Gallon Drums and one-way totes

Transportation

Not dangerous goods. Can be transported in freezing temperatures but product should be brought to room temperature prior to use.

All information and recommendations about FR MPEKS products are based on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for different applications we recommend checking suitability of product prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material.