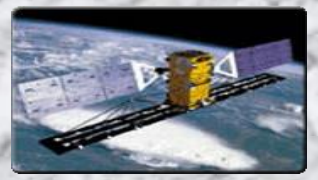
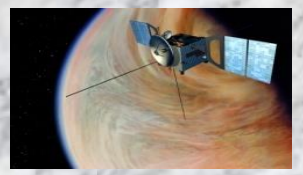
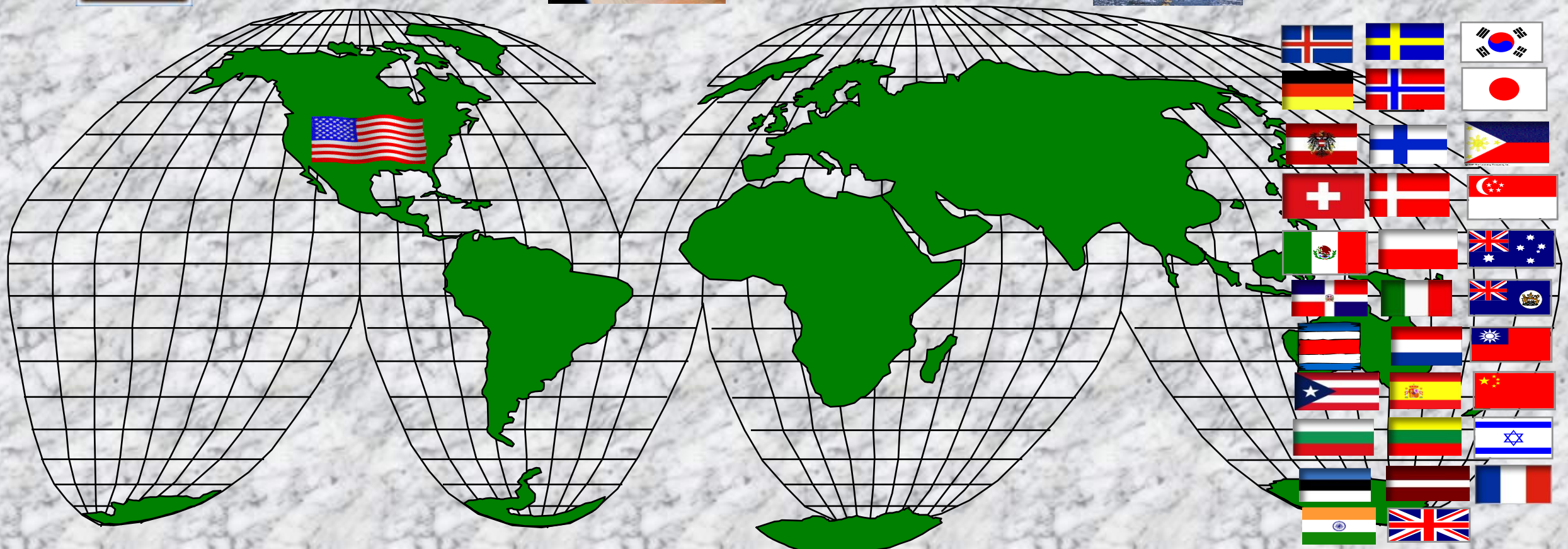
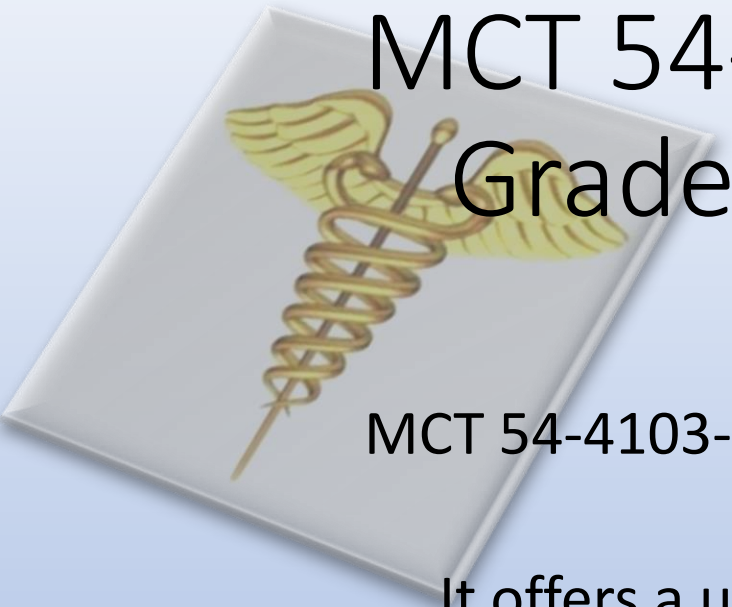
MICROCOAT TECHNOLOGIES

Prosper, Texas, Cheshire, CT, Research Triangle Park, NC USA

http://www.m-coat.com



MCT 54-4103-(1-20): Fast Tack Medical Grade UV/Vis Cure Acrylic Adhesive

Description:

MCT 54-4103-(1-20) is a medical grade acrylic adhesive with a fast tack and UV/Vis cure properties.

It offers a useful temperature range of -30°C to +150°C, making it suitable for various applications.

The adhesive demonstrates excellent adhesion to a wide range of substrates, including polycarbonate, acrylic, steel, aluminum, glass, and more.

Key Features:

Fast Cure:

Rapid curing, even under low power UV/Vis lamp systems.

Allows for efficient production processes with reduced waiting times.

Minimal Shrinkage:

Provides reliable bonding without significant dimensional changes.

Minimizes the risk of stress-induced damage or deformation.

Adaptability to Dispensing Equipment:

Compatible with both automated and manual dispensing equipment.

Offers versatility in manufacturing setups for different production scales.

Performance:

Through Cure in Less Than 30 Seconds:

Achieves full cure to a thickness of 1/8" in less than 30 seconds.

Enhances production efficiency and reduces cycle times.

Excellent Adhesion to Various Substrates:

Bonds effectively to substrates such as polycarbonate, styrene, acrylic, PVC, steel, brass, aluminum, glass, and more.

Enables the assembly of diverse materials in medical device manufacturing.

High-Temperature Sterilization Compatibility:

Passes high-temperature sterilization methods, including autoclave sterilization.

Suitable for applications requiring resistance to elevated temperatures and sterilization processes.

Conclusion:

MCT 54-4103-(1-20) is a medical grade UV/Vis cure acrylic adhesive with fast tack and excellent performance characteristics.

Its fast cure time, minimal shrinkage, and compatibility with various substrates make it ideal for efficient production processes.

The adhesive's ability to withstand high-temperature sterilization ensures reliability and durability in medical device applications.