

January 26, 2021

MacDermid Alpha Announces Release of STAYDRY® H2-3000PSA: Hydrogen & Moisture Getter Film

(Waterbury, CT USA) – January 26th, 2021 – MacDermid Alpha Electronics Solutions, a world leader in the production of innovative materials used in semiconductor, circuitry, and electronics assembly announces the release of STAYDRY® H2-3000PSA, a hydrogen and moisture getter for hermetic packages. STAYDRY H2-3000PSA adds a newly developed proprietary adhesive that meets rigid outgassing and adhesion testing for aerospace, telecom and medical applications, meeting Mil-STD-883K, Method 5011.6 and NASA ASTM E595 requirements.

STAYDRY H2-3000PSA is an extension of the existing STAYDRY product line, which has been providing unique moisture, hydrogen and particle absorber solutions for over twenty years. STAYDRY H2-3000PSA employs a space-grade silicone polymer, allowing almost instantaneous transmission of water and hydrogen into the active desiccant matrix dispersed within the polymer. The active desiccant allows a high percentage of water and hydrogen to be absorbed and subsequently trapped inside the silicone matrix for increased reliability of hermetic packages.

The newly developed backing PSA (Pressure Sensitive Adhesive) offers customers easier attachment within a few seconds, eliminating the need for additional dispense adhesive process, time and equipment common with most materials. This also allows greater design flexibility as the getter does not have to be placed on the inside lid of a hermetic package. The STAYDRY H2-3000PSA film adheres to most substrates, including metals, plastic and glass. STAYDRY H2-3000PSA is also available in our newly developed “easy peel” format for custom preform size applications, supporting operator efficiency in clean room manufacturing environments.

For more information on STAYDRY H2-3000PSA please visit MacDermidAlpha.com

Contact:

Michael Previti

Global Portfolio Manager for Microelectronics Assembly Materials

Michael.Previti@macdermidalpha.com