Corporate Website TRADE NEWS Posting

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ELECTRONICS

MacDermid Alpha Announces Release of STAYDRY® Z20: Moisture Getter Film

(Waterbury, CT USA) – January 27, 2020 – 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® Z20 – Moisture Getter for hermetic packages. STAYDRY Z20 is a silicone film moisture getter with a newly developed proprietary backing adhesive that meets rigid outgassing and adhesion testing for aerospace, telecom and medical applications, meeting MIL-STD-883K, Method 5011.6.

STAYDRY Z20 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 Z20 employs a space grade silicone polymer, allowing almost instantaneous transmission of water into the active desiccant matrix dispersed within the polymer. The active desiccant allows a high percentage of water 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 and faster attach 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 on a hermetic package. The STAYDRY Z20 film adheres to most substrates, including metals, plastic and glass. STAYDRY Z20 is also available in our newly developed “Easy Peel” form for custom preform size applications, supporting operator efficiency in clean room manufacturing environments.

For more information on STAYDRY Z20 please visit www.MacDermidAlpha.com

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