Ellsworth Adhesives
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Technical Data Sheet
HMS800

Type:	Hot Melt Glue - Ethylene Vinyl Acetate
Solids:	100%
Viscosity [1]:	2500 cps @ 375° (F)
Shear Strength [2]:	520 PSI
Peel Strength [3]:	23 lb/in
Open Time [4]:	25 - 35 seconds
Mettler Softening Point [5]:	209° (F)
Color:	Opaque
Odor:	Slight
Shelf Life:	Indefinite
Flash Point:	Above 450° (F)

FDA Status: Compositional compliance with FDA Regulation #21-CFR,175.105 for food packaging.

Storage: Common Storage

Application Temperature: 250° (F) to 300° (F)

Suggested Uses: A hot melt adhesive designed for low, high and dual-temperature glue guns. General purpose adhesive with excellent hot tack packaging. Strong bond to most papers and other porous surfaces.

Precautions: Do Not Mix with other adhesives
Severe burns will result if contact is made in molten state.
Material safety data sheets provide safety precautions that should be observed in handling and storing.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products or the inclusion of descriptive material from patents and the citation of specific patents should not be understood as recommending the use of our products in violation of any patent or as permission or license to use any patents.

[1] Brookfield Viscosity – ASTM D3236 using spindle SC4-27

[2] Shear Strength– ASTM D4498

[3] Peel Strength – ASTM D4498 (modified for peel mode) – using 45# Kraft paper substrates

[4] Open Time – ASTM D4497-94 (1999) – using 45# Kraft paper substrates

[5] Mettler Softening Point – ASTM D6493-99

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