

**Maple Leaf Sales**  
**900 East Main**  
**Middleville, MI 49333**  
**1-800-521-1133**  
[www.k-gripadhesives.com](http://www.k-gripadhesives.com)

## **Product Data Sheet: K-Grip 514 Flammable Foam Adhesive**

### **BENEFITS:**

Haps Free  
High Heat Resistance (200 °F)  
High Solids, excellent mileage  
Low VOC's  
Good Open Time – 2 – 4 minutes

### **TYPICAL PHYSICAL PROPERTIES**

Base: Synthetic Rubber  
Flammability: Flammable  
Solids: 38%  
Viscosity: 140 cps  
Color: Amber  
VOC's: 363 g/l (EPA method 24)  
Density: 6.7 lb/gal Packaging: 5 gal Pail and 54 gal Drum  
Clean Up: 689  
Shelf Life: 1 year in sealed container

**Qualifies for LEED®-NC & CI EQ Credit 4.4: *laminating adhesives shall contain no urea formaldehyde***

### **SUGGESTED USE:**

K-Grip 514 is a high performance synthetic polymer that gives exceptional performance characteristics of high heat resistance, long open time and high mileage yields due to its high solids. K-Grip 514 is excellent for applications requiring a product with good temperature performance such as foam fabricating, mattress, furniture, headliners and carpeting.

**APPLICATION:** Typically Spray Applied but can be Brush Applied

1. Substrates should be clean and free of moisture, dirt, oil and other contaminants.
2. For best results, adhesive and substrates should be allowed to acclimate to room temperature (approximately 60°F or above) before adhesive application.
3. The adhesive should be applied at approximately 3.0 grams/square foot. The adhesive should cover 80% of the substrate surface. The substrate surface should exhibit a uniform glossy sheen when the adhesive is completely dry. Dull areas indicate insufficient coverage. Adhesive should be reapplied to these areas.
4. When bonding porous substrates, K-Grip 514 can be used in some applications as a one sided adhesive. If performance is not satisfactory in one side application, coat both surfaces for better bonding

**SUGGESTED EQUIPMENT:**

	Automatic Systems		Manual Systems	
	<u>Binks</u>	<u>DeVilbiss</u>	<u>Binks</u>	<u>DeVilbiss</u>
Spray Gun	21,61,610,9A	AGB	18, 62, 200195	JGA, MGA, MBC
Fluid Tip	63B	FX	63B	FX
Fluid Needle	63B	FX	63B	FX
Air Cap	66SD-3	770	66SD-3	770

**SHIPPING Classification:**

DOT Road: UN1133, PG11, Class 3

IMDG Road and Water: UN1133, PG11, Class 3

**PRECAUTIONS:**

Please refer to the Material Safety Data Sheet for further safety information.

**STORAGE CONDITIONS:**

Keep container closed when not in use. Caution: Store away from direct sunlight. Maintain temperature below 90F.

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