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WA31211  
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V#040095

 **therm-o-web**  
ADHESIVES & INTERFACINGS



6335  
6334

## MATERIAL SAFETY DATA SHEET

Revision 09-10-2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:**

HeatnBond Hem #3719, #3722 & #3723  
Lite HeatnBond #3347, #3348, #3522, #3525, #3521 & #3524  
Featherlite HeatnBond #3359, #3531, #3534  
Ultrahold HeatnBond #3509.38, #3509.58, #3509.78, #3502, #3505, #3501 & #3504

**Product Use:** Sewing and Quilting

**Description:** Hot Melt Adhesives; Polymer Resin Tackifier Mixture

**Manufacturer/Supplier:**

Therm O Web, Inc.  
770 Glenn Avenue  
Wheeling, IL 60090  
1-847-520-5200

**Emergency Telephone Number:**

1-800-222-1222

### SECTION 2. PRODUCT AND COMPONENT HAZARD DATA

**Components:** Hydrocarbon and/or oxygen  
Hydrocarbon Polymers

**Approx. Percent:** 99%

**TLV \*\*** None

\*\* See Section 6 for additional information on exposure limits.

**Precautionary Labels Statements:** If burned by contact with molten materials, cool as quickly as possible with water and see a physician for treatment of burn.

**Note to Physicians:** Burns should be treated as thermal burns. Product is a polymer of low toxicity. Therefore, there is no urgent need to remove it from the skin because of concern about toxicity.



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**SECTION 3. PHYSICAL DATA**

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<b>Color:</b>	White
<b>Forms:</b>	Reticulated Web
<b>Solids:</b>	100%
<b>Boiling Point:</b>	Not applicable
<b>Softening Point:</b>	93-166 Degrees C (200-300 degrees F) Ring and Ball
<b>Specific Gravity:</b>	(H <sub>2</sub> O=1) < 1.0
<b>Vapor Pressure:</b>	Not applicable
<b>Viscosity:</b>	@375 Degrees F = 30,000 cps - @400 Degrees F = 20,000 cps
<b>Dead Load Failure:</b>	210 Degrees F
<b>Solubility in Water:</b>	Negligible

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**SECTION 4. FIRE AND EXPLOSION DATA**

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<b>Flash Point:</b>	274 Degrees Celsius (525 Degrees Fahrenheit)
<b>Method Used:</b>	Cleveland Open Cup
<b>Flammable Limits:</b>	Not applicable
<b>Extinguishing Agent:</b>	Water Spray, Dry Chemical, CO <sub>2</sub>
<b>Special Fire-Fighting Procedures:</b>	Wear self-contained breathing apparatus and protective clothing to prevent any contact with skin and eyes.

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**SECTION 5. REACTIVITY DATA**

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<b>Stability:</b>	Stable
<b>Incompatibility:</b>	Oxidizing materials can cause a vigorous reaction
<b>Hazardous Decomposition Products:</b>	As with any other organic material, combustion will produce carbon dioxide and probably carbon monoxide.
<b>Hazardous Polymerization:</b>	Will not occur.



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## **SECTION 6. TOXICITY AND HEALTH**

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**Exposure Limits:** OSHA Permissible exposure limit (PEL) is not established. Threshold Limit Value (TLV) Is not established, however, avoid fumes at elevated temperatures.

**Exposure Effects:**

Inhalation	-	None expected
Eyes	-	None expected
Skin	-	Molten material will produce thermal burns

It seems reasonable to treat these materials as nuisance Particulates.

**First Aid:** If burned by contact with molten materials, cool as quickly as possible with water and see a physician for treatment of burn.

**Note to Physicians:** Burns should be treated as thermal burns. Product is a polymer of low toxicity. Therefore, there is no urgent need to remove it from the skin because of concern about toxicity.

**Toxicity Data:** Toxicological findings for major components (99 total of hydrocarbon and/or oxygenated hydrocarbon polymers) used to formulate these products suggest they are low toxicity. The polymer additives (1.0% total of stabilizers, viscosity modifiers, etc.) used are believed to contribute no significant toxicity to the formulated products.

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## **SECTION 7. PERSONAL PROTECTION AND CONTROL**

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**Respiratory Protection:** None should be needed

**Ventilation:** At least 10 air exchanges are recommended per hour and good general room ventilation.

**Local Exhaust:** Local exhaust if needed to control vapor/fume from heated material. See Section 6 for Information on exposure limits.

**Skin and Eye Protection:** Safety glasses should be worn in any type of industrial operation. Gloves should be worn to protect against thermal burns.

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## **SECTION 8. SPECIAL STORAGE AND HANDLING PRECAUTIONS**

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Store in clean, dry atmosphere. Avoid temperatures in excess of 108 Degrees F.



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## **SECTION 9. SPILL, LEAK, AND DISPOSAL PRACTICES**

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**Steps to be taken in case case material is released or spilled:** Collect and contain for salvage or disposal.

**Waster Disposal Method:** Incineration or landfill. Observe all federal, state, and local laws concerning Health and environment.

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## **SECTION 10. ENVIRONMENTAL EFFECTS DATA**

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These products have not been tested for environmental effects. However, because of their very low water solubility, the following statements regarding the expected environmental impact are believed to be valid.

These products re expected to cause little oxygen depletion in aquatic systems. They are expected to have a low potential to affect aquatic organisms, secondary waste treatment microorganisms, and the germination and growth of plants. They are expected to be resistant to biodegradation but are unlikely to bioconcentrate. In a spill situation these products may be aesthetically unpleasant, but are not expected to have an adverse environmental impact.

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