

# MATERIAL SAFETY DATA SHEET

## 1. Chemical Product and Company Identification

PRODUCT NAME: PAPER BACKER SHEET

MANUFACTURER: Located in the United States

CUSTOMER: SR Wood, Inc.  
1801 Progress Way  
Clarksville, IN 47129

CHEMICAL NAME: Treated Paper  
CHEMICAL FORMULA: Mixture in cellulose

PRODUCT USE: Wood Laminate

ISSUE DATE: May 10, 2007  
REVISION: Original  
REPLACES: None

CONTACT: (812) 288-9200

## 2. Composition/Information on Ingredients

<u>Component Name</u>	<u>CAS Number</u>	<u>% by wt</u>	<u>OSHA PEL</u>	<u>ACGIH TLV (2000)</u>
Treated Paper	mixed	99.9 - 100	none	none
Formaldehyde*	50-00-0	Less than .0002%	0.75 ppm, TWA 2 ppm, STEL	0.3 ppm, ceiling 0.37 mg/m <sup>3</sup> , ceiling

\* Formaldehyde is a by-product of the manufacturing process. It is normally crosslinked, but can be released during certain processing conditions. There is no formaldehyde added into the papermaking process or the heat seal coating during the makedown process.

## 3. Hazards Identification

### EMERGENCY OVERVIEW

- \* Paper, no distinct odor. May release formaldehyde under certain processing conditions
- \* No unusual hazards expected from normal use.

ACUTE: Inhalation of formaldehyde may cause irritation or burning of lungs, eyes and nasal passages. Contact with formaldehyde may cause skin irritation.

CHRONIC: Formaldehyde is a known carcinogen per IARC, NTP and OSHA. It is also a known skin and lung sensitizer. Formaldehyde is readily absorbed via the skin.

ROUTES OF EXPOSURE: Ingestion, skin contact

CARCINOGENICITY: May contain formaldehyde, which is a carcinogen listed by IARC, NTP and OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

## 4. First Aid Measures

EYES: Flush eyes with plenty of water for at least 15 minutes. Paper may be a mechanical irritant. Seek advice of medical personnel if redness, swelling, itching, burning or visual disturbances occur.

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#### 4. First Aid Measures (continued)

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- SKIN:** Wash off excess with water. Seek advice of medical personnel if redness, swelling, itching, or burning occurs.
- INHALATION:** Remove to fresh air. Seek advice of medical personnel if cough, shortness of breath or other respiratory problems occur.
- INGESTION:** Give several glasses of water to drink. Never give anything by mouth to an unconscious person.

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#### 5. Fire Fighting Measures

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|--|---|----------------|----------------|
| <b>FLASH POINT:</b>                      | Not Available   | <b>METHOD:</b> | Not Applicable |
| <b>EXTINGUISHING MEDIA:</b>              | Water, water fog, foam, carbon dioxide, dry chemicals |                |                |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> | No special procedures                                 |                |                |
| <b>FIRE AND EXPLOSION HAZARD:</b>        | No unusual hazards.                                   |                |                |

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#### 6. Accidental Release Measures

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Clean up excess material and place in container for reclaim, recycle or disposal. Comply with all federal, state and local regulations.

As per CERCLA (40 CFR 302 Table 302.4), environmental releases that exceed the reportable quantity (RQ) must be reported to the National Response Center by calling 1-800-424-8802 or 202-426-2675

Certain state and local Emergency Response Commissions also require reporting of environmental releases.

Contains formaldehyde. RQ = 100 lbs.

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#### 7. Handling and Storage

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Store in cool dry areas between 40 °F (5 °C) and 100 °F (37 °C). Avoid sparks, flame and excessive heat.

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#### 8. Exposure Controls / Personal Protective Equipment

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**ENGINEERING CONTROLS:** General room ventilation plus local exhaust at points of emission to reduce exposure to vapors during processing. Ensure equipment can maintain airborne concentrations below exposure limits as stated in Section 2.

**PERSONAL PROTECTIVE EQUIPMENT:**

- RESPIRATORY:** Use a NIOSH/MSHA approved respirator when exceeding exposure limits as stated in Section 2
- EYE/FACE:** Wear safety goggles.
- GLOVES:** Protective gloves are recommended as good industrial hygiene practice.
- SKIN / CLOTHING:** General body-covering clothing is recommended as good industrial hygiene practice.
- OTHER:** Emergency eyewash and safety shower should be in close proximity. See 29 CFR 1910.1048 for additional workplace standards concerning formaldehyde use.

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### 9. Physical and Chemical Properties

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APPEARANCE AND ODOR: Paper, no distinct odor.  
BOILING POINT: Not Applicable  
MELTING POINT: Not Applicable  
SPECIFIC GRAVITY: Not Applicable  
VAPOR PRESSURE: Not Applicable  
VAPOR DENSITY: Not Applicable  
SOLUBILITY IN WATER: Insoluble  
VOLATILE (VOC) CONTENT: Not applicable  
EVAPORATION RATE: Not Applicable  
pH: Not Applicable

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### 10. Stability and Reactivity

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CHEMICAL STABILITY:  STABLE  UNSTABLE  
HAZARDOUS POLYMERIZATION:  OCCURS  WILL NOT OCCUR  
REACTS WITH: None known

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### 11. Toxicological Information

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Oral LD<sub>50</sub> (rat) = Greater than 5000 mg/kg based on assessment of ingredients.  
Skin irritation = Non-irritating based on assessment of ingredients.  
Eye irritation = Non-irritating based on assessment of ingredients. Paper may be a mechanical irritant.  
May release formaldehyde under certain processing conditions. Formaldehyde is a listed carcinogen per IARC (Group 2A), NTP, OSHA, ACGIH (A2), NIOSH, EPA, MAK (Germany). It is readily absorbed via the skin. Inhalation of even small concentrations will cause respiratory irritation and possibly burning, respiratory distress, mucous membrane irritation and lacrymation. Formaldehyde is a skin and lung sensitizer.  
See 29 CFR 1910.1048 for additional workplace standards.

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### 12. Ecological Information

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No data available

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### 13. Disposal Considerations

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Dispose of all waste materials in accordance with all applicable federal, state, and local regulations.

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### 14. Transport Information

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DOT INFORMATION: Not Regulated

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## 15. Regulatory Information

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### INTERNATIONAL:

CANADA: All components are either listed on or exempted from Canadian (DSL).

### FEDERAL (USA):

All components are either listed on or exempted from TSCA.

Contains the following substances reportable under SARA Title III:

Formaldehyde RQ = 100 lbs (see Sections 2 and 6)

### STATE:

Formaldehyde is listed on various hazardous substance lists in the following states:

California, Massachusetts, Michigan, Minnesota, New Jersey,  
Pennsylvania, Rhode Island, Wisconsin

California Proposition 65:

This product contains a component (formaldehyde) known to the state  
to cause cancer.

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## 16. Other Information

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ACGIH = American Conference of Governmental Industrial Hygienists

C = Ceiling (concentration not to exceed during any part of the working exposure)

DOT = Department of Transportation (US government)

EINECS = European Union Inventory of Existing Chemical Substances

EPA = Environmental Protection Agency (US government)

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program (US Department of Health and Human Services)

OSHA = Occupational Safety and Health Administration (US government)

PEL = Permissible Exposure Limit (as prescribed by OSHA)

RCRA = Resource Conservation and Recovery Act (US EPA)

SARA = Superfund Amendment and Reauthorization Act, Title III (US EPA)

STEL = Short-Term Exposure Limit (15 minutes)

TLV = Threshold Limit Value (as prescribed by ACGIH)

TSCA = Toxic Substances Control Act (US EPA)

TWA = Time Weighted Average (8 Hours)

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