



## 170B | Safety Data Sheet

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Code:	<b>170B</b>
Trade Name:	<b>Backer</b>
Product Class:	<b>High Density Overlay</b>
Product use	Concrete form protective overlay
Manufacturer	Paneltech
Division	Overlays
Address	2999 John Stevens Way Hoquiam, WA 98550
Emergency phone	360 538-1410
Fax Phone	360 538-1510

### SECTION 2 – HAZARD IDENTIFICATION

Classification	This material is classified as non-hazardous.
Emergency overview	Warning: This product may release small quantities of formaldehyde vapor when heated. Formaldehyde is a known carcinogen and may cause irritation of the eyes, skin, and respiratory tract.
Primary route of entry	Inhalation
Precautions	Avoid breathing vapors from pressing operation. Ensure good ventilation.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<i>Ingredients</i>	<i>C.A.S.#</i>	<i>Weight % Max.</i>
Phenol	108-95-2	Below OSHA reportable threshold
Formaldehyde	50-00-0	<0.3

*Note: OSHA = Occupational Safety & Health Administration*

### SECTION 4 - FIRST AID MEASURES

Skin contact	Wash with soap and water
Eye contact	Flush with water for 15 minutes. Call a physician if irritation persists.
Inhalation	Remove to fresh air
Ingestion	Not an expected route of entry
	<b>In all cases, if irritation persists, obtain qualified medical advice.</b>

## SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing media Water spray, dry chemical, carbon dioxide, or foam  
Special precautions Self-contained breathing apparatus is recommended for smoke and Carbon oxides (CO, CO<sub>2</sub>)

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or leak Not applicable  
Disposal method This material is not considered a hazardous waste as defined by Federal RCRA regulations (40 CFR 261). Dispose in a manner compliant with Federal, State, and local regulations.

## SECTION 7 – HANDLING AND STORAGE

Handling Avoid prolonged or repeated skin contact. Wear appropriate gloves.  
Storage precautions Store in a cool, dry location  
Other precautions Consult SDS prior to using this product

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure guidelines

<i>Ingredients</i>	<i>OSHA PEL, 8 hr.</i>	<i>ACGIH TLV, 8 hr.</i>
Phenol	5.0 PPM	5.0 PPM
Formaldehyde	0.75 PPM	0.3 PPM
Methanol	200 PPM	200 PPM

Engineering controls Provide sufficient ventilation to maintain exposure below established limits.  
Skin protection Suitable protective gloves should be worn to prevent skin contact and paper cuts.  
Eye protection Safety glasses or goggles are recommended

*Note: OSHA = Occupational Safety & Health Administration  
ACGIH = American Conference of Governmental Industrial Hygienists*

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Yellow paper  
Odor Slight phenolic resin odor  
pH Slightly acidic  
Auto ignition temp. > 500 °C  
Density 0.7-0.9 g/cm<sup>3</sup>

## SECTION 10 – STABILITY AND REACTIVITY

Stability Stable  
Conditions of instability Keep away from open flame and strong oxidizers.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Likely routes of exposure Inhalation of formaldehyde vapors from pressing operation  
Short term symptoms Possible irritation of eyes and respiratory tract

Chronic effects	Prolonged or repeated exposure to formaldehyde may result in respiratory impairment.
Carcinogenicity	Formaldehyde is classified as an IARC Group I human carcinogen, a known human carcinogen by NTP, and a potential human carcinogen by OSHA.
Effects of Over Exposure	Contact with skin may cause irritation or rash. Eye contact may cause slight irritation or redness. Heated vapors may cause irritation of the respiratory tract.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	No information is available at this time. As a precaution, prevent the material from coming into contact with storm water runoff.
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## SECTION 13 – DISPOSAL CONSIDERATIONS

This material is not considered a hazardous waste as defined by Federal RCRA regulations (40 CFR 261). Follow safe solid waste disposal guidelines in accordance with federal, state and local regulations. If discarded in its purchased form, incineration is the preferred method. Dry land disposal is acceptable in most states.

## SECTION 14 – TRANSPORT INFORMATION

This product is not regulated as a hazardous material by the U.S. Department of Transportation.

## SECTION 15 – REGULATORY INFORMATION

This product contains the following toxic chemicals above the *de minimis* reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act.

CAS#	Chemical Name	Percent by Weight
50-00-0	Formaldehyde	<0.3

## SECTION 16 – OTHER INFORMATION

Emissions Potential (Micro chamber analysis)	Ingredients	C.A.S.#	Weight % Max	Exposure Limits
	Phenol	108-95-2	<0.0002%	5.0 PPM ACGIH
	Formaldehyde	50-00-0	<0.001%	.3 PPM ACGIH
	Methanol	67-56-1	<0.018%	200 PPM ACGIH

### Disclaimer:

Paneltech believes the information contained in this MSDS to be accurate at the time of preparation and has been compiled using sources believed to be reliable. However, Paneltech makes no warranty, either expressed or implied, concerning the accuracy or completeness of the information presented. It is the responsibility of the user to comply with local, state, and federal regulations concerning use of this product. It is the further responsibility of the buyer to research and understand safe methods of storing, handling and disposal of this product.