

# 1. MATERIAL SAFETY DATA SHEET

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**IDENTITY:** PRECISION BOARD HIGH TEMP - PBHT  
2/27/04

**Date of Preparation:**

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## SECTION I - Material and Manufacturer Identification

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**Manufacturer's Name & Address**

Coastal Enterprises Company  
P.O. Box 4875  
Orange, CA 92863-4875

**Emergency Telephone Numbers:**

(800) 845-0745

**For Information:**

(800) 845-0745

**Product Name:** PRECISION BOARD HIGH TEMP - PBHT

**Product Class:** POLYURETHANE - Rigid, high density

**Product Catalog Number (s):** Includes all densities from PBHT-4 thru PBHT-40

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## SECTION II - HAZARDOUS INGREDIENTS

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The individual components of Precision Board High Temp are composed of only two ingredients. They are polyurethane foam and carbon dioxide. Neither is a hazardous material under conditions of normal use.

When the ingredients of Precision Board High Temp are mixed together, a chemical reaction takes place which transforms the ingredients into a completely new material – a polymer called polyurethane foam.

The chemical reaction is exothermic. The heat generated by the reaction causes the formation of carbon dioxide gas. It is the carbon dioxide which bubbles through the plastic while it is turning into a solid, that creates the polyurethane foam.

Polyurethane foam is not hazardous, is non toxic, and is an inert polymer.

All components of Precision Board High Temp are listed on the TSCA Inventory.

None of the components in Precision Board High Temp are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

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### SECTION III- PHYSICAL DATA

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VAPOR DENSITY (air=1)      BOILING POINT (F)      SPECIFIC GRAVITY(H<sub>2</sub>O=1)

EVAPORATION RATE      PERCENT, VOLATILE BY VOLUME (%)      VAPOR PRESSURE (mm Hg.)

APPEARANCE/ODOR      SOLUBILITY IN WATER

Color: tan. No odor

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### SECTION IV - FIRE AND EXPLOSION DATA

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FLASH POINT      FLAMMABILITY CLASSIFICATION      LEL  
None      None      See Section II

EXTINGUISHING MEDIA      UNUSUAL FIRE AND EXPLOSION HAZARDS  
Conventional fire fighting methods.      See Section IX

SPECIAL FIRE FIGHTING PROCEDURES  
Protective breathing apparatus

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### SECTION V - REACTIVITY DATA

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STABILITY    \_\_\_ UNSTABLE    X STABLE

INCOMPATIBILITY (Materials to Avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION:    May Occur    \_\_\_    Will Not Occur    X

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### SECTION VI - HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE:      N/A      EFFECTS OF OVEREXPOSURE:      N/A

EMERGENCY & FIRST AID PROCEDURES:  
Nuisance dust. Use appropriate safety precautions.

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## SECTION VII - SPILL OR LEAK PROCEDURES

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Steps to be taken in case material is released or spilled: N/A

Waste disposal method N/A

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## SECTION VIII - SPECIAL PROTECTION INFORMATION

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### RESPIRATORY PROTECTION

Dust Mask

### VENTILATION

Local exhaust for dust

### PROTECTIVE GLOVES

Not required

### EYE PROTECTION

Sanding or machining

### OTHER PROTECTIVE EQUIPMENT

None Required

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## SECTION IX - SPECIAL PRECAUTIONS

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### Precautions To Be Taken In Handling And Storing

### Other Precautions

1. The material can burn.  
Keep away from open, high heat source.

None

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