

1. MATERIAL SAFETY DATA SHEET

IDENTITY: PRECISION BOARD PLUS PBHT (300F) **Date of Revision:** 8/10/11

SECTION I - Material and Manufacturer Identification

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 PLUS PBHT

Product Class: POLYURETHANE - Rigid, high density

Product Catalog Number (s): Includes all densities from PBHT-4 thru PBHT-60

SECTION II - HAZARDOUS INGREDIENTS

The individual components of Precision Board Plus PBHT 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 Plus PBHT 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 Plus PBHT are listed on the TSCA Inventory.

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

SECTION III- PHYSICAL DATA

VAPOR DENSITY (air=1)
N/A

BOILING POINT (F)
N/A

SPECIFIC GRAVITY(H₂O=1)
N/A

EVAPORATION RATE
N/A

PERCENT, VOLATILE
N/A

VAPOR PRESSURE (mm Hg.)
BY VOLUME (%)
N/A

APPEARANCE/ODOR
Color: tan. No odor

SOLUBILITY IN WATER
N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT
None

FLAMMABILITY CLASSIFICATION
None

LEL
See Section II

EXTINGUISHING MEDIA
Conventional fire fighting methods.

UNUSUAL FIRE AND EXPLOSION HAZARDS
See Section IX

SPECIAL FIRE FIGHTING PROCEDURES
Protective breathing apparatus

SECTION V - REACTIVITY DATA

STABILITY UNSTABLE STABLE

INCOMPATIBILITY (Materials to Avoid)
None

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION: May Occur Will Not Occur

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: N/A

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

SECTION VII - SPILL OR LEAK PROCEDURES

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

Waste disposal method N/A

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Dust Mask

VENTILATION

Local exhaust for dust

PROTECTIVE GLOVES

Not required

EYE PROTECTION

Sanding or machining use appropriate particulate safety glasses.

OTHER PROTECTIVE EQUIPMENT

None Required

SECTION IX - SPECIAL PRECAUTIONS

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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