SAFETY DATA SHEET

IDENTITY: PB Fast Set Date of Revision: 1/19/2018

SECTION I - Material and Manufacturer Identification

Manufacturer's Name & Address **Emergency Telephone Numbers:**

<u>Transportation Emergencies:</u> Call CHEMTREC (800) 424-9300 (202) 483-7616 (Collect) from Coastal Enterprises Company P.O. Box 4875 Orange, CA 92863-4875 Alaska & Hawaii

For Information: Health Emergencies: Call LOS ANGELES (800) 845-0745 POISON INFORMATION CENTER (24 hrs.)

(800) 356-3129 Product Name: PB Fast Set

Chemical Names: Polyisocyanate based on Polymeric Diphenylmethane Di-Isocyanate (MDI)

PB Fast Set is not considered a Hazardous Material per the U.S. Department of Transportation.

NMFC 4620-5

SECTION II - Hazardous Ingredients

INGREDIENT % WT. CAS NO. TLV

Polyisocyanate Based 35-45 101-68-8 (MDI) Polymeric Diphenylmethane Di-Isocyanate (MDI)

Phenyl Isocyanate Trace 103-71-9 N.E.

SECTION III - Physical Data

VAPOR DENSITY BOILING POINT SPECIFIC GRAVITY

646°F ± 1.12 8.6

VOC **VAPOR PRESSURE** 0 < 0.00001 mbar @ 20°C

APPEARANCE/ODOR **SOLUBILITY IN WATER MELTING POINT (F)**

Viscous Liquid, Dark Brown, Not Soluble N/A Slightly Aromatic or Musty

SECTION IV - Fire and Explosion Hazard Data

FLAMMABLE LIMITS **FLASH POINT**

Lower: N.E. (Nonvolatile Fluid) Upper: N.E. (Nonvolatile Fluid) 200°F

.02 ppm

EXTINGUISHING MEDIA

In case of fire use CO₂ dry chemical extinguishers such as Monoammonium Phospate or Potassium Sulphate, Potassium Chloride/CO2.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Water contamination will produce carbon dioxide. Do not re-seal water contaminated containers as pressure buildup may rupture them.

SPECIAL FIRE FIGHTING PROCEDURES

If water is used, use large amounts as the reaction between hot isocyanates and water can be vigorous. Use self-contained breathing apparatus and body covering protective clothing. Carbon Monoxide, Nitrogen Oxide, and Isocyanate vapors may be released during fires.

SECTION V - Reactivity Data

STABILITY: Stable Unstable

CONDITIONS TO AVOID: Temperatures below 40°F and freezing.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May cause hazardous fumes when heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, nitrogen oxide, isocyanate vapors. Keep product away from oxidizing agents, strong alkalines and acidic products. Exothermic reactions occur with amines and alcohols.

HAZARDOUS POLYMERIZATION: May Occur ____ Will Not Occur __X_

SECTION VI - Health Hazard Data

HEALTH HAZARDS: Product reacts with skin protein & tissue moisture and can cause localized irritation. Prolonged contact can cause skin sensitization resulting in dermatitis.

CARCINOGENICY: No conclusive evidence has indicated that polymeric MDI is carcinogenic.

SIGNS & SYMPTOMS OF EXPOSURE: Irritation of the mucous membrane in the respiratory tract. Runny nose. Sore throat. Productive cough. These effects are usually reversible.

EMERGENCY & FIRST AID PROCEDURES:

Ingestion - Do not induce vomiting. Drink milk or water and contact physician. Eye Contact - Flush eyes with water for at least 15 min.

Inhalation - Move to fresh air.

Skin Contact - Wash thoroughly with plenty of soap and water.

PRIMARY ROUTE(S) OF ENTRY

Swallowing X

Skin Breathing X Swa EMERGENCY AND FIRST AID PROCEDURES

If you experience difficulty in breathing, leave the area to obtain fresh air. If If Breathed: continued difficulty is experienced, summon medical assistance immediately.

In Eyes: In case of eye contact, flush with large amounts of water for at least 15

minutes. Get medical assistance.

If On Skin: In case of skin contact, wash area thoroughly with soap and water. Remove

soiled clothing. Get medical assistance if irritation persists. DO NOT INDUCE VOMITING. Consult physician immediately. Aspiration of If Swallowed:

vomitus can cause chemical pneumonitis which can be fatal.

COMMENT: This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION VII - Precautions For Safe Handling and Use

SPILLAGE OR RELEASE: Uncured product should be removed with sawdust, vermiculite, or sand. Pour decontamination solution (98% water, 2% detergent) over spillage area and collect material in open containers after 10-15 minutes. Keep containers open for several days. Do not release into enclosed environment. Use reciprocating systems.

WASTE DISPOSAL METHOD: In accordance with federal, state, and local industrial waste regulations.

Handling & Storing: Keep containers tightly closed and dry while storing. Storage temperatures should be between +50°F and 95°F (+10°C and 50°C). Use in well ventilated areas. Avoid eye and skin contact.

SECTION VIII - Special Protection Information

VENTILATION

Use only with adequate ventilation. Exhaust to ensure TLV levels of less than 0.02 ppm.

PROTECTIVE GLOVES

Do not get on skin. Solvent impermeable gloves to prevent contact are recommended. **EYE PROTECTION**

Do not get in eyes. Solvent resistant safety eyewear, with splashguards or side shields, are recommended to prevent contact. Do not use product while wearing contact lens.

HYGIENIC PRACTICES

Remove and wash soiled clothing before reuse. Wash hands before eating, smoking or using the washroom.

The information contained herein is based on data believed by Coastal Enterprises Company to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendation or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents, is the sole responsibility of the user.