

MATERIAL SAFETY DATA SHEET

IDENTITY: PB Hard Coat – Part A

Date of Preparation: 1/1/09

SECTION I - Material and Manufacturer Identification

Manufacturer's Name & Address

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

For Information:
(800) 845-0745

Product Name: PB Hard Coat – Part A

Emergency Telephone Numbers:

Transportation Emergencies: Call CHEMTREC
(800) 424-9300 (202) 483-7616 (Collect) from
Alaska & Hawaii

Health Emergencies: Call LOS ANGELES
POISON INFORMATION CENTER (24 hrs.)
(800) 356-3129

Chemical Names: Two Component Water Based Foam Coating

Formula: Component A (Dry)

PB Hard Coat is not considered a Hazardous Material under the OSHA Hazard Communication Standard (29CFR)

SECTION II - Hazardous Ingredients

INGREDIENT	% WT.	CAS NO.	ACGIH TVL mg/m3	OSHA PEL mg/m3
A. HAZARDOUS				
None				
B. OTHER INGREDIENTS				
Calcium Sulfate Hydrate 10	90-100	7778-18-9		15/5 R
Portland Cement 10	0-8	65997-15-1		15/5 R
Ammonium Chloride 10	0-.5	12125-02-9		(NE)
Ammonium Naphthalene Sulfonate NE	0-3	9069-80-1		(NE)
C. COULD CONTAIN:				
Fibers (non toxic)				

SECTION III - Physical Data

VAPOR DENSITY
N/A

BOILING POINT

SPECIFIC GRAVITY
2.7-3.0

VOC (EPA METHOD 24)
N/A

VAPOR PRESSURE
N/A

FREEZING POINT

APPEARANCE/ODOR
Dry Power/None

SOLUBILITY IN WATER
99%

MELTING POINT (F)
N/A

% VOLATILE BY VOLUME
N/A

EVAP. RATE (BUTYL ACETATE=1):
NA

VOC: (EPA METHOD 24):
N/A

PH:
N/A

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT: None

METHOD: N/A

FLAMMABLE LIMITS IN AIR: Lower: None Upper: None

EXTINGUISHING MEDIA: Not combustible.

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE: Not expected

SPECIAL FIREFIGHTING PROCEDURES: None.

SECTION V - Reactivity Data

STABILITY: Stable Unstable

CONDITIONS TO AVOID: Excessive heat wet.

INCOMPATIBILITY (MATERIALS TO AVOID): Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Above 1450°F-CaO and SO₂.

HAZARDOUS POLYMERIZATION: May Occur Will Not Occur

SECTION VI - Health Hazard Data

CARCINOGENICITY: This product contains no carcinogenicity materials listed with LARC, NTP, OSHA.

EMERGENCY & FIRST AID PROCEDURES:

Ingestion – See first aid section below.

Eye Contact – May irritate eyes.

Inhalation – Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions; coughing, sneezing and nasal irritation from dust.

Skin Contact – When mixed with water, this material becomes hot. Do not attempt to make a cast enclosing any part of the body. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. May dry skin.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing upper respiratory and lung disease such as, but not limited to, bronchitis, emphysema and asthma.

PRIMARY ROUTE(S) OF ENTRY

Skin Eye Contact Breathing Swallowing

EMERGENCY AND FIRST AID PROCEDURES

If Breathed: Move subject to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

In Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

If On Skin: Wash contaminated area with water.

If Swallowed: Plaster hardens when wetted and, if ingested, may result in obstruction. Get medical attention. Never give anything by mouth to an unconscious person.

SECTION VII - Precautions For Safe Handling and Use

SPILLAGE OR RELEASE: Sweep and vacuum material and put in a container for disposal. Avoid dusting conditions. If washed down, may clog drains. If already mixed, scrape and wash down. This material is not regulated under RCRA or CERLA (Superfund). Once mixed, keep spills and cleaning runoff out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD: Disposal should be made in accordance with federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with eyes.

PROTECT FROM FREEZING

TOXICOLOGICAL INFORMATION: Once mixed, do not release into waterways or drains that lead to waterways.

SECTION VIII - Special Protection Information

VENTILATION: Use in well ventilated area.

RESPIRATORY PROTECTION: Use a NIOSH/MSHA approved respirator as necessary. Observe OSHA regulations.

PROTECTIVE GLOVES: Yes.

EYE AND FACE PROTECTION: Safety glasses.

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.

MATERIAL SAFETY DATA SHEET

IDENTITY: PB Hard Coat – Part B

Date of Preparation: 1/1/09

SECTION I - Material and Manufacturer Identification

Manufacturer's Name & Address

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

For Information:
(800) 845-0745

Product Name: PB Hard Coat – Part B

Emergency Telephone Numbers:

Transportation Emergencies: Call CHEMTREC
(800) 424-9300 (202) 483-7616 (Collect) from
Alaska & Hawaii

Health Emergencies: Call LOS ANGELES
POISON INFORMATION CENTER (24 hrs.)
(800) 356-3129

Chemical Names: Two Component Water Based Foam Coating

Formula: Component B (Liquid)

PB Hard Coat is not considered a Hazardous Material under the OSHA Hazard Communication Standard (29CFR)

SECTION II - Hazardous Ingredients

INGREDIENT			ACGIH TVL		OSHA PEL		
A. HAZARDOUS	% WT.	CAS NO.	TWA	STEL	TWA	STEL	UNITS
Aqua Ammonia ppm	.4%	1336-21-6		25 b	35 b	none	35 b
B. OTHER INGREDIENTS							
3-iodo-2-propynyl butyl NA	.15%	55406-53-8		NA	NA	NA	NA
Carbarmate 2 (Hydroxymethyl) amino ethanol NA	.15%	34375-28-5		NA	NA	NA	NA
C. NON-HAZARDOUS:							
Water NA	20-30%	773248-5		NA	NA	NA	NA
Acrylic polymers none	60-70%	Proprietary		none	none	none	none

SECTION III - Physical Data

VAPOR DENSITY
N/A

BOILING POINT
100°C/212 °F

SPECIFIC GRAVITY
1.03

VOC (EPA METHOD 24)

VAPOR PRESSURE

FREEZING POINT

GPL "0"

N/A

0°C/32 °F

APPEARANCE/ODOR

Milky liquid/dry power/
Slight ammonia (mild)

SOLUBILITY IN WATER

99%

MELTING POINT (F)

N/A

% VOLATILE BY VOLUME **EVAP. RATE (BUTYL ACETATE=1):** N/A
20-40%

VOC: (EPA METHOD 24): GPL "0"

PH: 7-8

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT: Non combustible wet. Will burn only after water is driven off. >300°F

METHOD: PMCC

FLAMMABLE LIMITS IN AIR: Lower: None (water) Upper: None (water)

EXTINGUISHING MEDIA: All standard firefighting media. Water, fog, foam or dry chemical.

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE: Not expected

SPECIAL FIREFIGHTING PROCEDURES: Firefighters must wear breathing apparatus.

SECTION V - Reactivity Data

STABILITY: Stable Unstable

CONDITIONS TO AVOID: Excessive heat wet.

INCOMPATIBILITY: Metal salts will coagulate this product.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield CO, CO₂, NO_x, acrylic monomers.

HAZARDOUS POLYMERIZATION: May Occur Will Not Occur

SECTION VI - Health Hazard Data

CARCINOGENICITY: This product or one of its ingredients present, 0.1% or more, is not listed as a carcinogen or suspected carcinogen by NTP, TRAC, OSHA or Prop. 65.

EMERGENCY & FIRST AID PROCEDURES:

Ingestion – May result in gastric disturbances.

Eye Contact – May irritate eyes.

Inhalation – May cause headache, nausea, irritation of nose, throat and lungs.

Skin Contact – Prolonged or repeated contact may cause mild skin irritation.

PRIMARY ROUTE(S) OF ENTRY

Skin Eye Contact Breathing Swallowing

EMERGENCY AND FIRST AID PROCEDURES

If Breathed: Move subject to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

In Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

If On Skin: Wash with soap and warm water.

If Swallowed: Induce vomiting. Slowly dilute with 1-2 glasses of water or milk and get medical attention. Never give anything by mouth to an unconscious person.

SECTION VII - Precautions For Safe Handling and Use

SPILLAGE OR RELEASE: Soak up with an inert material and put in a container for disposal. Wash walking surfaces with soap and warm water to reduce slipping hazard. This material is not regulated under RCRA or CERLA (Superfund). Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD: Disposal should be made in accordance with federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with eyes.

PROTECT FROM FREEZING

TOXICOLOGICAL INFORMATION: Do not release into waterways or drains that lead to waterways.

SECTION VIII - Special Protection Information

VENTILATION: Use in well ventilated area.

RESPIRATORY PROTECTION: Use a NIOSH/MSHA approved respirator as necessary. Observe OSHA regulations.

PROTECTIVE GLOVES: Yes.

EYE AND FACE PROTECTION: Safety glasses.

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