



AMERICAN HYDROTECH, INC.
303 East Ohio Street
Chicago, Illinois 60611
(312) 337-4998 7/98

PERMA-BOARD

SECTION I

CHEMICAL NAME & SYNONYMS: N.A.
CHEMICAL FAMILY: Styrene Butadiene Styrene (SBS) modified bitumen
TRADE NAME & SYNONYMS: Perma-Board Protection Board
FORMULA: N.A.

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS</u>
Heavy Napthenic distillate	64742-34-3	N.A.	N.A.
Heavy Napthenic extract	64742-11-6	N.A.	N.A.
Asphalt (petroleum) fumes	8052-42-4	N.A.	N.A.
Ferric Chloride	7705-08-0	N.A.	N.A.

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	650	PERCENT VOLATILE BY VOLUME:	N.A.
VAPOR PRESSURE (mmHg @ 20°C):	> 1		
VAPOR DENSITY (AIR=1):	N.A.	EVAPORATION RATE (BUTYL ACETATE=1):	N.A.
SPECIFIC GRAVITY (H ₂ O=1):	1.1-1.6		

SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Black solid board, no objectionable odor.

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): Greater than 400 F (cleveland open cup)
FLAMMABLE LIMITS: N.A.
EXTINGUISHING MEDIA: Carbon dioxide , dry chemical, water spray, foam
SPECIAL FIRE FIGHTING PROCEDURES: Use of water may cause frothing or be ineffective. Do not enter confined fire space without self-contained breathing apparatus.
UNUSUAL FIRE/EXPLOSION HAZARDS: Dense smoke, carbon monoxide, irritant toxic gases produced at high temperature..

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S):

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: There is no known effects on the eyes, if inhaled or ingested. Prolonged skin contact may cause dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes.
SKIN: Wash with soap and water
INHALATION: Remove to fresh air. Seek medical aid.
INGESTIONS: Seek medical aid.

SECTION VI – REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: N.A.

HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: N.A.

INCOMPABILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Dense smoke, carbon monoxide, irritant toxic gases (oxides of nitrogen, phosphorous, and sulfur).

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

WASTE DISPOSAL METHODS: Dispose of in accordance with all applicable federal, state and local guidelines.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE) Local exhaust
RESPIRATORY PROTECTION: Usually none.
PROTECTIVE CLOTHING & EQUIPMENT: Safety goggles, gloves leather boots, long sleeves.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: .As indicated on label.

Information presented herein has been compiled from sources considered to be dependable and current, and is accurate and reliable to the best of our knowledge, but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of this information for his safe use of this product, and to adopt such proper safety precautions as may be necessary to provide adequate worker and plant protection.