



PPS PACKAGING COMPANY

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Submarine Sealer (Liquid)
CHEMICAL NAME: Asphalt Clay Based Emulsion Coating
APPLICATION(S): Used for sealing leaks within evaporative cooling systems
PPS PART NUMBER(S): 300-0 (1-Quart), 300-1 (1-Gallon), 300-5 (5-Gallon)
MANUFACTURED FOR PPS PACKAGING BY: Gardner-Gibson
4161 E. 7th Ave.
Tampa, Florida 33605
Phone - (800) 237-1155
EMERGENCY PHONE: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Prolonged or repeated overexposure may cause irritation; if used as directed, overexposure is not foreseen.

ROUTES OF ENTRY: May enter body via skin, mouth or eyes

POTENTIAL HEALTH EFFECTS

EYES: May cause slight irritation
SKIN: Prolonged or repeated exposure may cause irritation
INGESTION: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea

SECTION 3 NOTES: **California Prop 65 (California Health and Safety Code #25249.5 ET SEQ) Warning:** This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Read and follow label directions and information given on Material Safety Data Sheets (MSDS) and use care when handling or using all petroleum products.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT	TLV PPM	TLV Mg/M ³
Petroleum Asphalt	8052-42-4	<45	N/A	0.5 Fume
Clay Stabilizer	1332-58-7	<10	**	0.39
Water	7732-18-5	>50	*	N/A

ADDITIONAL NOTES: Additional Information - *As Respirable Fraction of Dust.

HMIS: Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: B

SECTION 4: FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Keep person warm and quiet; seek medical attention.

SKIN: Remove contaminated clothing and wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Flush with large amounts of water for at least 15 minutes; get medical attention

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Product is water based - Not applicable

SPECIAL FIRE FIGHTING PROCEDURES: Water can be used to cool fire-exposed containers; self-contained breathing apparatus and protective clothing should be worn while fighting large fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate sources of ignition and keep product out of sewers with dikes or impounding. Soak up spill with sand or other absorbent materials and place in containers.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep out of reach of children and store in a cool place. Store within original container; avoid storing near possible sources of ignition, in areas where the product may freeze or near strong oxidizers. While handling, avoid contact with strong acids, strong bases and oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use with adequate ventilation

RESPIRATORY PROTECTION: Use NIOSHA/MSHA approved respirator when TLV is exceeded (see Section 3)

EYE PROTECTION: Wear safety glasses with side shields

SKIN PROTECTION: Chemical resistant gloves are recommended for prolonged exposure

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Liquid

COLOR: Black

ODOR: Aromatic odor

ODOR THRESHOLD: Not determined

pH: Not determined

MELTING/FREEZING POINT: Not determined

BOILING POINT AND RANGE: 200° F - 220° F

FLASH POINT: Not applicable

EVAPORATION RATE: Slower than ether

FLAMMABILITY: Not determined

UPPER/LOWER FLAMMABILITY OR EXPOSURE LIMITS: Not determined

VAPOR PRESSURE: Not determined
VAPOR DENSITY: Heavier than air
RELATIVE DENSITY: Not determined
SOLUBILITY: Not determined
AUTO-IGNITION TEMPERATURE: Not determined
DECOMPOSITION TEMPERATURE: Not determined

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Not determined
STABILITY: Stable
HAZARDOUS REACTIONS: Not determined
CONDITIONS TO AVOID: Heat, flames and strong oxidizers; DO NOT FREEZE
INCOMPATIBLE MATERIALS: Strong acids, strong bases and oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Nothing required to be reported under this section

SECTION 12: ECOLOGICAL INFORMATION

Nothing required to be reported under this section

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and Local regulations.

SECTION 14: REGULATORY INFORMATION

All ingredients in this product are TSCA listed

SECTION 15: OTHER INFORMATION

PREPARATION INFORMATION: The information contained herein is based on the data available to PPS Packaging and is believed to be accurate; however, PPS Packaging makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof.

DATE PREPARED: 12/13/2013

DATE REVISED: 1/31/2014

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