

MATERIAL SAFETY DATA SHEET

SECTION I - MANUFACTURER IDENTIFICATION

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100 LEE STREET PREPARED BY: CHAD PAYTON
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SECTION II - PRODUCT IDENTIFICATION

PRODUCT NAME: POLY TOUGH
PRODUCT CODE: ALT-604

SECTION III - HAZARDOUS INGREDIENTS / SARA III INFORMATION

OSHA PEL ACGIH TLV
HAZARDOUS COMPONENTS CAS # mg/M3 mg/M3 OTHER % (OPT)
Water 7732-18-5 <40.00
Synthetic Polymer 108-05-4 <60.00

Health: 1 Flammability: 0 Reactivity: 0 Ratings based on NFPA

SECTION IV - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F
SPECIFIC GRAVITY (H₂O=1): 1.06
VAPOR PRESSURE (mm Hg): NA
MELTING POINT: NA
VAPOR DENSITY (AIR=1): Heavier
EVAPORATION RATE (Butyl Acetate=1): NIL
SOLUBILITY in WATER: Soluble
APPEARANCE and ODOR: Gray, No odor

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NA
FLAMMABLE LIMITS: LEL: NA UEL: NA
EXTINGUISHING METHOD: Water, all purpose (ABC) dry chemical, CO₂ foam.
SPECIAL FIRE FIGHTING PROCEDURES: Although this material will not burn, if it is in the fire area, an approved, self-contained breathing apparatus should be worn to prevent exposure to thermal decomposition products and residual monomers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NON FLAMMABLE in EMULSION STATE.
NOTE: In Asphalt State: Small fires-use dry chemical,CO₂, Halon Water spray or standard foam.
Large fires-use water spray, fog or standard foam.

SECTION VI - REACTIVITY DATA

CONDITIONS TO AVOID: Avoid heat, sparks or open flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Any strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

SECTION VII - HEALTH HAZARD DATA

CARCINOGENITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
SIGNS and SYMPTONS of EXPOSURE:

EYES: May cause mild irritation.

SKIN: May cause slight to mild irritation.

INHALATION: May cause dizziness, headache, nausea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particle matter exposure.

EMERGENCY and FIRST AID PROCEDURES:

INHALATION: Remove from contaminated area. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration - Call Physician.

INGESTION: If conscious give 1 to 2 glasses of milk or water, induce vomiting and call a physician. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EYES: Immediately flush with water for at least 15 minutes holding eyelids open. Call a physician if irritation develops.

SKIN: Remove contaminated clothing and launder before reuse. Wash skin with soap and water.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all ignition sources. Avoid breathing vapors. Open all windows and doors. Keep out of sewers and water sources. Advise proper authorities.

WASTE DISPOSAL METHODS: As provided under Resources Conservation and Recovery Act (RCRA), and in accordance with Federal, State and Local Regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Do not handle or store near heat, sparks or open flame or strong oxidants.

OTHER PRECAUTIONS: Avoid breathing vapors. Avoid prolonged or repeated skin contact.

SECTION IX - CONTROL MEASURES

RESPIRATORY PROTECTION: Use a NIOSH approved respirator.

VENTILATION: Must be adequate, use local exhaust as needed.

PROTECTIVE GLOVES: Use rubber gloves as needed.

EYE PROTECTION: Use goggles or face shield.

OTHER PROTECTIVE CLOTHING or EQUIPMENT: As needed to avoid skin contact.

WORK / HYGIENIC PRACTICES: Wash skin and exposed clothing thoroughly with soap and water after use.

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