MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

HMIS HAZARDOUS MATERIALS

IDENTIFICATION SYSTEM A = Safety Glasses F = C + Dust Mask 4 = Extreme Health.... 3 $\mathbf{B} = \mathbf{A} + \text{Gloves}$ G = B + Respirator **3** = High Flammability.... 0 C = B + ApronH = F + Goggles Physical Hazard.... 1 2 = Moderate Protection.... D D = C + Face Shield I = B + Respirator 1 = Slight E = B + Dust Mask X = Ask Supervisor 0 = Insignificant

SECTION I - PRODUCT IDENTIFICATION

Product Supersedes date: December 18, 2003 Section(s) changed: I Effective date: April 14, 2009

PRODUCT NAME: ANODIZE REMOVER PRODUCT CODE: 12582 ZP & 12583 ZP CHEMICAL FAMILY: High Alkaline Cleaner

FORMULA: Proprietary Mixture

SOLD BY: The Easthill Group d/b/a The Eastwood Company ADDRESS: 263 Shoemaker Rd. Pottstown, PA. 19464 INFORMATION PHONE NUMBER USA & Canada: 800-345-1178 Outside USA 610-323-2200

EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT 800-424-9300 CHEMTREC

PROPER SHIPPING DESCRIPTION: > 1 Qt: Caustic Alkali Liquids, n.o.s., (Contains Sodium Hydroxide), 8, UN1719, II LABEL: Corrosive LABEL: None

≤ 1 Qt: Consumer Commodity, ORM-D SECTION II -HAZARDOUS INGREDIENTS

CHEMICAL NAME CAS No. Wt% **OSHA PEL ACGIH TLV OTHER**

Sodium Hydroxide 1310-73-2 <25 2 mg/m³ 2 mg/m³

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA Boiling Point (°F): 220 Specific Gravity: 1.186 Vapor Pressure (mm Hg): 17 Lbs/Gal Density: 9.88

FLASH POINT (Method Used): None LIMITS: LEL: NA EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Vapor Density (Air=1): 0.62 pH Concentrate: 14 Evaporation Rate: (Water=1): GT 1.00 pH Use Dilution: 14 Solubility in Water: Complete

SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent

Physical Description: Clear Yellow Thin Liquid Characteristic Odor

to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

SECTION V - REACTIVITY DATA

SECTION VI - STORAGE & HANDLING INFORMATION

Stability: Stable. KEEP OUT OF REACH OF CHILDREN. DANGER. POISON.

Hazardous Polymerization: Will not occur. Avoid all contact. Store upright in original closed container.

Incompatibility (Materials to Avoid): Strong Acids. Other Precautions: Do not get in eyes, on skin or on clothing. Remove & wash contaminated clothing before reuse.

Hazardous Decomposition Products: If burned, normal combustion products:

Carbon Dioxide, Carbon Monoxide; Nitrous Oxides.

SECTION VII - HEALTH HAZARDS AND FIRST AID

IARC Monographs? **OSHA REGULATED?** Carcinogenicity: NTP? NF NF YFS

EFFECTS OF OVEREXPOSURE: EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap & water for 15 minutes. See physician if burning persists. SKIN: Severe burns

EYES: Severe burns EYES: Flush with flowing water for 15 minutes & see physician.

INHALATION: Severe burns INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help. INGESTION: Severe burns INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS

PERSON

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Normal room ventilation

VENTILATION: Local exhaust preferred. Mechanical (general) at point of mist acceptable. Avoid breathing vapor or spray.

PROTECTIVE GLOVES: Impervious rubber, alkali proof.

EYE PROTECTION: Splash proof chemical googles or face shield.

OTHER PROTECTIVE EQUIPMENT: Impervious rubber boots & apron. Eye wash facilities. Safety Shower.

WORK/HYGIENIC PRACTICES: Practice good personal hygiene. Wash after handling. Shower at end of work period

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Neutralize with dilute acid or sodium bicarbonate. Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations

SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: SODIUM HYDROXIDE For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established NA - Not Applicable GT - Greater Than