1. PRODUCT IDENTIFICATION

PART NUMBER: 80-870
PRODUCT NAME: Metalex
CHEMICAL FAMILY: N/A
DOT SHIPPING: Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES

*POWERED ALUMINIUM (7429-90-5) 15mg/m³ 10mg/m³ 43 - 57
Barium Sulfate (7727-43-7) 15mg/m³ 10mg/m³ 20 - 30
*METHYL ETHYL KETONE (78-93-3) 200ppm 200ppm 300ppm 5 - 10
*TOLUENE (108-88-3) 500ppm 500ppm 5 - 10

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. " Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE).............175° to 231°F
VAPOR PRESSURE PSIG @ 70°F.........N/A
VAPOR DENSITY (AIR = 1)............Not Determined
SOLUBILITY IN WATER............Negligible to slight
SPECIFIC GRAVITY (H2O = 1)..........1.77g/ml
MELTING/FREEZING POINT............N/A
EVAPORATION RATE (61%=1).........<1
VOC content (by weight)............10%
APPEARANCE AND ODOR..............Gray or aluminum-gray colored

4. FIRE AND EXPLOSION DATA

FLASH POINT..........................N/A
UPPER EXPLOSIVE LIMIT (%).........N/A
LOWER EXPLOSIVE LIMIT (%).........N/A
EXTINGUISHING MEDIA...............Fire-fighting foam, CO2, dry chemical. Water spray
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear self-contained breathing apparatus and full protective gear. Avoid breathing vapors, gases, and fumes. If safe to do so, shut off all gas pilot lights and electrical (spark or hot-wire) igniters and other sources of ignition.
FIRE AND EXPLOSION HAZARDS FLAMMABLE LIQUID & VAPOR. Contains aluminum, barium sulfate, toluene, and methyl ethyl ketone. Use only with adequate ventilation.
NFPA Flammability Hazard...........N/A

5. HEALTH EFFECTS DATA

ROUTE OF ENTRY.....................Inhalation. Skin and/or eye contact. Ingestion.
HEALTH HAZARDS (ACUTE AND CHRONIC) Vapor Harmful - may affect the brain or nervous system, causing dizziness, headache, or nausea. Causes eye, skin, and throat irritation. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. May be harmful if swallowed. Ingestion could cause irritation of the gastrointestinal tract and other systemic effects from absorption. A link between aluminum exposure and neurological diseases, such as Alzheimer’s disease, has been suggested.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Individuals with diseases of the nervous system, respiratory tract, skin, heart, liver, and kidneys should avoid or limit exposure. Those persons susceptible to dermatitis should limit skin contact

6. REACTIVITY

HABITABILITY.........................Stable
INCOMPATIBILITIES...............Strong oxidizing agents, reducing agents, acids, alkalins, and aliphatic amines. May attack some rubber and plastics.
Hazardous Decomposition PRODUCTS Thermal oxidations (i.e., “burning”) may produce decomposition products of carbon and nitrogen. Burning at extreme temperatures may produce oxides of aluminum and barium.
Hazardous Polymerization Will not occur under normal conditions.
Hazardous Polymerization Conditions None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS Tightly sealed goggles and chemical resistant gloves made of Teflon or Viton. Local exhaust ventilation may be necessary to control air contaminants to within TLVs during the use of this product.
WASH REQUIREMENTS Wash with soap and water.
SPILL OR LEAK PROCEDURES Absorb spill with inert material (e.g., dry sand or earth), then place in chemical waste container.
WASTE DISPOSAL METHODS Dispose of in accordance with local, state, and federal regulations.
HANDLING & STORAGE Do not allow to freeze. Avoid temperatures above 120°F.
OTHER PRECAUTIONS Use NIOSH approved respirator with an organic vapor cartridge; avoid prolonged breathing of vapors; protection provided by air purifying respirators is limited.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER’S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.