



MATERIAL SAFETY DATA SHEET
EMERGENCY PHONE NO. INFOTRAC 800-535-5053

Table with Hazard Ratings (4-Extreme, 3-High, 2-Moderate), Health (3), Fire (0), Reactivity (2), and Specific (X).

MFG/DIST: L & C ENTERPRISES, LMA
2357 HIGHWAY 53
POPLARVILLE, MS 39470
PHONE NUMBER: 601-795-4147

SECTION 1: IDENTIFICATION

PRODUCT NAME: SPOKE E207

SECTION 2: HAZARDOUS INGREDIENTS

Table with columns: NAMES OF HAZARDOUS INGREDIENTS, CAS#, PERCENTAGE, PEL-OSHA, TLV-ACGIH. Includes Hydrofluoric Acid, Sulfuric Acid, and 2 Butoxy Ethanol (Skin).

THIS PRODUCT DOES NOT HAVE CARCINOGENS

SECTION 3: HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic): ACUTE a) Eyes---Vapors as well as liquid can cause burns or conjunctivitis. b) Skin---Vapors as well as liquid can cause severe burns... CHRONIC a) Overexposure to Mineral Acids has been found to cause anemia, liver, kidney, and lung damage.

SECTION 4: CHEMICAL DATA

Table with BOILING POINT (F) >212, VAPOR PRESSURE (mmHg) < 2, VAPOR DENSITY (AIR=1)..: 2, APPEARANCE AND ODOR INFORMATION: Color will vary, somewhat pungent acid odor.

SECTION 5: PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None FLAMMABLE LIMITS: LEL = N/A UEL = N/A
EXTINGUISHING MEDIA: SEE SECTION 8 OTHER ADDITIONAL COMMENTS: SPECIAL FIRE FIGHTING PROCEDURES: Clear area of all personnel. Do not enter confined area without full bunker gear. See additional comments section. UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A INCOMPATIBILITY (Material To Avoid): Alkalis, silicones, metals, organic. HAZARDOUS DECOMPOSITION PRODUCTS: None HAZARDOUS POLYMERIZATION WILL NOT OCCUR. CONDITIONS TO AVOID FOR POLYMERIZATION: N/A CONDITIONS TO AVOID FOR STABILITY: N/A THIS PRODUCT IS STABLE.

SECTION 6: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb the large spill on suitable absorbent. Lime slurry, soda ash, or other alkali can neutralize the acid. Wash the residue down the drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water. WASTE DISPOSAL METHODS: Dispose of according to local, state and federal regulations.

SECTION 7: EXPOSURE CONTROL INFORMATION

VENTILATION:

LOCAL EXHAUST: Below LTV(s)

MECHANICAL (General): N/A

SPECIAL.....: N/A

OTHER.....: N/A

RESPIRATORY PROTECTION: An appropriate NIOSH approved hydrocarbon canister or respirator for organic Vapor should be worn if needed. PROTECTIVE GLOVES: Acid resistant gloves should be worn when using. In case of spills, full protective clothing should be worn. OTHER PROTECTIVE EQUIPMENT: Skin protection, full length clothing should always be worn when working with this product. Eye wash and quick drench facilities should be readily available in the workplace. OTHER ENGINEERING CONTROLS: None Known. WORK PRACTICES: Eye wash fountain and safety shower should be easily accessible. Discard properly. Do not use steel wool for application. Use stainless steel brushes, always wear protective gloves, face and eye protection. HYGIENIC PRACTICES: Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reuse.

SECTION 8: SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 120 degrees F.
 - b) Protect from physical damage and keep tightly closed.
 - c) Do not store near alkalis or alkaline materials and oxidizers.
 - d) Containers marked: Hydrofluoric acid solution, not more than 60 % strength, 8, UN 1790 P G II Corrosive Poison.
- MAINTENANCE PRECAUTIONS: When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools. OTHER PRECAUTIONS: Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings. Avoid dropping full containers, they may burst and cause spills. EYE, FACE, AND BODY PROTECTION SHOULD ALWAYS BE WORN WHEN HANDLING OR USING THIS PRODUCT. SHIPPING INFO, UN/NA #'S, SECONDARY CONTAINER LABEL INFO NECESSARY OR SUGGESTED: HYDROFLUORIC ACID SOLUTION, not more than 60% strength, 8, UN 1790, PG II, CORROSIVE POISON. OTHER ADDITIONAL COMMENTS: SPECIAL FIRE FIGHTING OR SPILL PROCEDURES--ALWAYS WEAR FULL BUNKER GEAR, AND BREATHING APPARATUS, COOL CONTAINERS WITH WATER FOG SPRAY. HEAVY STREAMS COULD SPREAD, AND SPLASH ACID ONTO OTHERS. HEALTH EFFECTS: a) Fluorosis in bone and joints. b) Skin tissue can be deteriorated with exposure, Dermatitis, irritation, burning pain can be prevented with proper handling and protective equipment and clothing. Those personnel using this product should be familiar with the use, and cautioned to the severity of damage that could be cause by miss-handling.

KEEP OUT OF THE REACH OF CHILDREN

