



TECHNIC, INC.

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): ELEVATE CU 6340 BRIGHTENER

CHEMICALS NAMES, COMMON NAMES:

PRODUCT CODE: 405598

MANUFACTURER'S NAME & ADDRESS:

PREPARED BY: ALLAN H. REED

TECHNIC INC.

DATE PREPARED: April 22, 2010

1 SPECTACLE STREET

CRANSTON, RI 02910

EMERGENCY PHONE: 401-781-6100

24 HOUR EMERGENCY: CHEM TREC 800-424-9300

OUTSIDE THE USA AND CANADA: 703-527-3887

SECTION 2

COMPOSITION / INFORMATION ON INGREDIENTS

| <u>CHEMICAL NAMES</u> | <u>CAS NUMBER</u> | <u>PERCENT</u> | <u>EXPOSURE LIMITS</u> |
|-----------------------|-------------------|----------------|---|
| Copper sulfate | 7758-99-8 | 1-2% | 1.0 mg/m ³ (Cu) ACGIH TWA, OSHA PEL |
| Sulfuric acid | 7664-93-9 | <1.0% | 0.2 mg/m ³ ACGIH TWA 1 mg/m ³ OSHA PEL |
| Acrylamide | 79-06-1 | 0.1-0.5% | 0.03 mg/m ³ ACGIH TWA, 0.3 mg/m ³ OSHA PEL |

SECTION 3

HAZARD IDENTIFICATION

SYMPTOMS OF OVER-EXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE.

INHALATION: Irritating to the respiratory tract.

CONTACT WITH SKIN OR EYES: Irritating to the eye and slightly irritating to the skin.

ABSORBED THROUGH SKIN: Not readily absorbed through unbroken skin.

SWALLOWED: Irritating to the gastrointestinal tract.

SUSPECTED CANCER AGENT? NO YES (IARC, NTP)

HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS.

ACUTE: See symptoms of over-exposure above.

CHRONIC: None reported.

SECTION 4**FIRST AID MEASURES****FIRST AID: EMERGENCY PROCEDURES**

EYE CONTACT: Flush with water, including under lids, for fifteen minutes. Obtain immediate medical attention.

SKIN CONTACT: Remove contaminated clothing and wash affected area thoroughly with soap and water. Launder clothing before rewearing. Seek medical attention for prolonged skin irritation.

INHALED: Remove patient to fresh air. Support breathing if required. Obtain medical treatment for dizziness, unconsciousness or irritation or difficulty in breathing.

SWALLOWED: If patient is conscious, rinse mouth and drink at least two large glasses of water. **DO NOT** induce vomiting. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

SECTION 5**FIRE FIGHTING MEASURES**

FLASH POINT (°F) (METHOD USED): N.A. (Does not burn)

AUTOIGNITION TEMPERATURE, °F: N.A.

FLAMMABLE LIMITS IN AIR, VOLUME, %: LOWER LIMIT N.A. UPPER LIMIT N.A.

FIRE EXTINGUISHING MATERIALS: Use media appropriate for the surrounding fire.

WATER CARBON DIOXIDE OTHER

FOAM DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective gear if fully involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None reported.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material and collect for disposal by absorption or other suitable means. Do not allow this material to enter storm or sanitary sewers or other waterways.

SECTION 7**HANDLING AND STORAGE**

HANDLING AND STORAGE REQUIREMENTS: Store in a cool, dry place. Keep container tightly closed excepts when transferring contents.

SECTION 8**EXPOSURE CONTROLS / PERSONAL PROTECTION**

VENTILATION: Local exhaust.

RESPIRATORY PROTECTION: Wear dust/mist respirator if ventilation is inadequate.

EYES PROTECTION: Safety glasses or goggles.

GLOVES: Rubber gloves.

OTHER CLOTHING AND EQUIPMENT: Rubber apron.

WORK PRACTICES, HYGIENIC PRACTICES: Wash hands thoroughly after handling and before eating or smoking.

SECTION 9**PHYSICAL / CHEMICAL PROPERTIES**

VAPOR DENSITY (AIR =1): N.D.

SPECIFIC GRAVITY: 1.00-1.10

VAPOR PRESSURE (MM Hg): N.D.

MELTING POINT (°F): N.D.

EVAPORATION RATE (BUTYL ACETATE=1): N.D.

BOILING POINT (°F): >212° F

SOLUBILITY IN WATER: Complete

pH: <2.0

APPEARANCE AND ODOR: Pale blue liquid; slightly sharp odor.

SECTION 10**STABILITY AND REACTIVITY**

STABILITY: X STABLE UNSTABLE

CONDITIONS TO AVOID: None.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Oxides of sulfur.

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: See section 3.

IRRITATION DATA: See section 3.

TOXICITY DATA: Oral LD50: 2140 mg/kg (rat, sulfuric acid).
Oral LD50: 300 mg/kg (rat, copper sulfate).
Oral LD50: 124 mg/kg (rat, acrylamide).

TARGET ORGAN DATA: See section 3.

SECTION 12 ECOLOGICAL INFORMATION

This material may be toxic to aquatic life.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of all chemical wastes at an appropriate waste disposal facility. Follow all local, state, and federal regulations for disposal of waste chemicals.

SECTION 14 TRANSPORT INFORMATION

Not regulated by DOT (road, rail), IMDG (sea) or IATA/ICAO (air).

SECTION 15 REGULATORY INFORMATION

This product is regulated as a toxic chemical under Section 313 of Title III/SARA, and 40 CFR, Part 372.
This product is regulated by the California Proposition 65 list.
All ingredients are listed in the TSCA inventory.
For the purposes of the New Jersey Right to Know Law, the contents are partially known.

SECTION 16 OTHER INFORMATION

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|--------------------------------------|----------|
| H Health | 2 |
| F Flammability | 0 |
| R Reactivity | 0 |
| Personal Protection | C |