



# TECHNIC, INC.

## MATERIAL SAFETY DATA SHEET

### SECTION 1

### PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):           TECHNI-GOLD 25 ES RTU

CHEMICALS NAMES, COMMON NAMES:

PRODUCT CODE:   391427

MANUFACTURER'S NAME & ADDRESS:

TECHNIC INC.

1 SPECTACLE STREET

CRANSTON, RI 02910

EMERGENCY PHONE: 401-781-6100

PREPARED BY:    ALLAN H. REED

DATE PREPARED:  July 18, 2011

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>
Sodium sulfite	7757-83-7	3-8%	None reported
Sodium gold sulfite	19153-98-1	1-3%	None reported

### SECTION 3

### HAZARD IDENTIFICATION

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

**INHALATION:**                           Vapor and mist will cause irritation of nasal and respiratory passages.

**CONTACT WITH SKIN OR EYES:** Skin contact causes mild irritation. Prolonged contact may cause dermatitis. Eye contact will cause irritation and burning.

**ABSORBED THROUGH SKIN:**    Not readily absorbed through unbroken skin.

**SWALLOWED:**                        May cause irritation, nausea vomiting and diarrhea. Large amounts may cause systemic toxicity.

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SUSPECTED CANCER AGENT?      X             NO                                                YES  
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**HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS.**

**ACUTE:** See symptoms of over-exposure above.

**CHRONIC:** May aggravate existing conditions such as allergies, dermatitis, asthma, bronchitis and other respiratory ailments.

**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:** May release toxic sulfur oxide fumes.

**SECTION 6****ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Collect spilled material for disposal by absorption or other suitable method. 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 away from incompatible materials.

**SECTION 8****EXPOSURE CONTROLS / PERSONAL PROTECTION**

**VENTILATION:** Local exhaust.

**RESPIRATORY PROTECTION:** As necessary when ventilation is inadequate.

**EYES PROTECTION:** Chemical splash goggles.

**GLOVES:** Chemical resistant gloves such as rubber or neoprene.

**OTHER CLOTHING AND EQUIPMENT:** As necessary to prevent skin contact.

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

**SECTION 9****PHYSICAL / CHEMICAL PROPERTIES**

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

**SPECIFIC GRAVITY:** 1.10+/-0.05

**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, neat:** 7.0-7.5

**APPEARANCE AND ODOR:** Clear, colorless liquid; no odor.

**SECTION 10****STABILITY AND REACTIVITY**

**STABILITY:**   X   STABLE        UNSTABLE

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS):** Sulfur oxides.

**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 LDLo 2825 mg/kg (rabbit, sodium sulfite)

**TARGET ORGAN DATA:** See section 3.

**SECTION 12 ECOLOGICAL INFORMATION**

No specific data; however, this material should be considered as a 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 not regulated as a toxic chemical under Section 313 of Title III/SARA, and 40 CFR, Part 372.  
 This product is not 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**

<b>H</b>	
<b>Health</b>	<b>2</b>
<b>F</b>	
<b>Flammability</b>	<b>0</b>
<b>R</b>	
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>C</b>