



# TECHNIC, INC.

## MATERIAL SAFETY DATA SHEET

### SECTION I PRODUCT IDENTIFICATION

TRADE NAME (as labeled): TECHNI GOLD 25 ES PH (+)

CHEMICAL NAMES, COMMON NAMES:

MANUFACTURER'S NAME & ADDRESS:

TECHNIC, INC.  
1 SPECTACLE STREET  
CRANSTON, RI 02910

EMERGENCY PHONE: (401) 781-6100

24 hour Emergency: Chem Trec 1-800-424-9300

PRODUCT CODE NO.: 390101

NAME OF PREPARER: ALLAN H. REED

DATE PREPARED: May 17, 2005

### SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAMES

CAS NUMBER

PERCENT

EXPOSURE LIMITS

Ethylenediamine

107-15-3

8-12%

10 ppm ACGIH TWA

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 purposes of the New Jersey Right To Know Law, the contents are partially unknown.

### SECTION III PHYSICAL PROPERTIES

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

SPECIFIC GRAVITY: 1.0

VAPOR PRESSURE (mm Hg): N.D.

MELTING POINT (degrees F): N.D.

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

BOILING POINT (degrees F): N.D.

SOLUBILITY IN WATER: Complete

pH: >11

APPEARANCE AND ODOR: Clear, colorless liquid; ammoniacal odor.

### SECTION IV FIRE AND EXPLOSION

FLASH POINT (°F) (METHOD USED): Not combustible.

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 surrounding fire.

WATER SPRAY

CARBON DIOXIDE

OTHER:

FOAM

DRY CHEMICAL

**Special Firefighting Procedures:** Wear NIOSH/MSHA approved self contained breathing apparatus and protective gear if fully involved in a fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors of ethylenediamine are heavier than air and can travel considerable distances where they can linger or find an ignition source.

## SECTION V HEALTH HAZARD INFORMATION

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

**INHALATION:** Causes irritation and possible burns to nasal and respiratory passages.

**CONTACT WITH SKIN OR EYES:** Causes skin burns and possible allergic reaction. Eye contact causes severe burns which can lead to permanent impairment of vision.

**ABSORBED THROUGH SKIN:** Will cause burns.

**SWALLOWED:** Will cause burns of mouth throat and stomach along with gastrointestinal irritation and possible ulceration.

-----  
**HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS. ATTACH EXTRA PAGE IF MORE SPACE IS NEEDED.**

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

**CHRONIC:** Repeated over-exposure may cause liver and kidney damage.

## 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.

-----  
**SUSPECTED CANCER AGENT?**        X      NO                                                    YES  
 -----

## SECTION VI REACTIVITY DATA

**Stability:**        X      Stable                                                    Unstable

**CONDITIONS TO AVOID:**      None.

INCOMPATIBILITY (MATERIALS TO AVOID): Acids and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Oxides of carbon and nitrogen and possible unidentified organic compounds.

HAZARDOUS POLYMERIZATION: \_\_\_\_\_ MAY OCCUR  X  WILL NOT OCCUR

## SECTION VII \_\_\_\_\_ SPILL, LEAK, AND DISPOSAL PROCEDURES \_\_\_\_\_

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spilled material and collect by absorption or other suitable method. Do not allow this material to enter storm or sanitary sewers or other waterways.

WASTE DISPOSAL: SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

## SECTION VIII \_\_\_\_\_ SPECIAL HANDLING INFORMATION \_\_\_\_\_

VENTILATION: Local exhaust.

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

EYE 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.

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

<b>H</b>	
<b>Health</b>	<b>3</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>