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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
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PRODUCT NUMBER: 2550-A
IDENTITY: BETA PEN 16A Revision Date: 08/24/2009

Section I

Manufacturer's Name: BETA TECHNOLOGY *** ^ Telephone Numbers:
Address: P. O. BOX 218686 Emergency:
HOUSTON 800/535-5053 INFOTRAC
State: TX Zip Code: 772188686 Information:
281/647-9700

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 1 HEALTH: 3 PERSONAL PROTECT: C

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)
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Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
CARBON DIOXIDE	124-38-9	5000 PPM	5000 PPM	N/A	_____
HYDROTREATED NAPTH. DIST *	64742-52-5	5 MG/M3	5 MG/M3	N/A	_____
TETRACHLOROETHYLENE *+	127-18-4	25 PPM	25 PPM	N/A	_____
TRICHLOROETHYLENE *+	79-01-6	100 PPM	25 PPM	N/A	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN * SUBJECT
TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING
AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN
TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS
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Boiling Point: >180 Specific Gravity (water=1) 1.38
Vapor Pressure(mm Hg) >50 Melting Point: N/A
Vapor Density(AIR=1) >1 Evaporation Rate: >2
Solubility in Water: 0% (Butyl Acetate=1)
Appearance and Odor: BROWN TO AMBER COLOR, CHLORINATED SOLVENT ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA
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Flash Point(Method Used):NONE Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: CO2, DRY CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO
TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. MAY DEVELOP A FLAMMABLE
ATMOSPHERE IN CONFINED AREAS.

Section V: REACTIVITY DATA

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Stability: Unstable: Conditions to avoid:
Stable: X TEMPERATURES ABOVE 120 F, HOT SURFACES
Incompatibility (Materials to Avoid): STRONG OXIDIZERS, CAUSTICS, AND
ALKALIS, CHEMICALLY ACTIVE METALS, ALUMINUM
Hazardous Decomposition or Byproducts: EXPOSURE TO RED HOT SURFACES MAY
PRODUCE PHOSGENE, CARBON MONOXIDE AND HYDROGEN CHLORIDE GASES.
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: HEAT, FLAME, OTHER SOURCES OF IGNITION

Section VI: HEALTH HAZARD DATA

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Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards (Acute and Chronic):
INHALATION: DIZZINESS. PROLONGED EXPOSURE MAY LEAD TO UNCONSCIOUSNESS.
EYES: STRONG IRRITATION. SKIN: MILD IRRITATION. MAY CAUSE LOCALIZED
DEFATTING OF SKIN. INGESTION: NAUSEA, VOMITTING, UNCONSCIOUSNESS OR DEATH.
Carcinogenicity: NTP: Yes IARC Monographs: Yes OSHA Reg: Yes
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: EXCESSIVE EXPOSURE
WILL AGGRAVATE RESPIRATORY, CARDIOVASCULAR OR PULMONARY ILLNESSES.

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR. EYES:
FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH IMMEDIATELY WITH SOAP AND WATER
AND CONTACT PHYSICIAN IF IRRITATION PERSISTS. INGESTION: CONSULT PHYSICIAN
IMMEDIATELY.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH RAG
OR USE SOME ABSORBENT CLAY MATERIAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,
STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO
NOT REUSE EMPTY CONTAINER. WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: DO NOT STORE NEAR HEAT
OR OPEN FLAME. STORE IN A COOL DRY AREA. EXPOSURE TO TEMPERATURES ABOVE
120 F MAY CAUSE BURSTING.

Other Precautions: VAPOR MAY COLLECT IN LOW LYING AREAS.

Section VIII: CONTROL MEASURES

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Respiratory Protection: ONLY WHEN TLV IS EXCEEDED
Ventilation: Local Exhaust: YES
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves: CHEMICAL RESISTANT GLOVES RECOMMENDED.
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
APRON
Work/Hygienic Practices:
WASH HANDS AFTER USE.