

MATERIAL SAFETY DATA SHEET

HAZARD RATING		
FIRE:	0	0 = Insignificant
TOXICITY:	1	1 = Slight
REACTIVITY:	1	2 = Moderate
SPECIAL:	-	3 = High
		4 = Extreme

Lamaur Professional Products
Division of Zotos International Inc.
100 Tokeneke Road, Darien, CT 06820
Phone No.: 203-656-7821
Monday Thru Friday (8:30 a.m. – 5:00 p.m. EST)

MSDS CODE: T74

24 HOUR EMERGENCY NO.: (800) 584-8038

Prepared: 01/19/00

Current MSDS Update: 03/06/03

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I. MATERIAL IDENTIFICATION

PRODUCT NAME: VITA/E® Maximum Hold Hair Spray
(Aerosol Hair Fixative)

SYNONYM: None

CHEMICAL FORMULA: Mixture

CAS NUMBER: None

DOT PROPER SHIPPING NAME: Consumer Commodity

DOT HAZARD CLASS/ID NO: ORM-D

EXPORT: Boxed Aerosol Dispenser

EXPORT: IMO Class 9, Group 2, UN1950

U. S. SURFACE FREIGHT CLASSIFICATION: Toilet Preparation, NOI

DOT LABELING: None

II. INGREDIENTS

<u>MATERIAL</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>TLV (units)</u>	<u>HAZARD DATA</u>
Ethanol 40B	64-17-5	<75	1000 ppm TWA Eye irritant.	ACGIH Mfr.
Butane	106-97-8	< 9	800 ppm TWA	ACGIH
Propane	74-98-6	<13	Simple asphyxiant.	ACGIH

Also contains: water, resin, Vitamin E, silicone, neutralizing agent, and fragrance. May also contain isobutane.

Ingredients not precisely identified are proprietary and non hazardous.

III. PRECAUTIONARY STATEMENTS

WARNING: FLAMMABLE. Do not spray near open flame or while smoking. Avoid spraying in eyes. Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 120°F. **KEEP OUT OF REACH OF CHILDREN.** Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

IV. PHYSICAL DATA

BOILING POINT, 760 mm Hg:	na	VAPOR PRESSURE at 20°C:	44 psig
SPECIFIC GRAVITY (H ₂ O = 1):	0.8	SOLUBILITY IN WATER:	83%
VAPOR DENSITY (air = 1)	>1	EVAPORATION RATE (water = 1):	>1
VOLATILES BY VOLUME, %:	>75	pH:	na
APPEARANCE AND ODOR:	Fragranced aerosol spray		

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -156°F FLAMMABLE LIMITS IN AIR: LEL: 1.8% UEL: 9.5%

EXTINGUISHING MEDIA: ABC all-purpose extinguisher or CO₂ extinguisher.

SPECIAL FIRE FIGHTING PROCEDURES: Use positive pressure, self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may be ignited by flames, sparks, pilot lights, electrical and ignition sources.

na = not applicable; ca = approximately; < = less than; > = greater than

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Product Name: VITA/E® Maximum Hold Hair Spray (Aerosol Hair Fixative)

MSDS CODE: T74

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VI. HEALTH HAZARD INFORMATION

HAZARD DATA: Test results indicate this product is an ocular irritant, but not a dermal irritant. When tested in accordance with FHSA, the product was determined to be not toxic. Oral LD50 in rats: > 5.0 g/kg.

EFFECTS OF OVEREXPOSURE: Eye injury may occur if product is sprayed directly into the eyes.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT:	Flush eyes immediately with plenty of clean, lukewarm water. If irritation or discomfort continues, seek medical attention.
INHALATION:	Remove person to fresh air and call a physician immediately.

VII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Avoid oxidizing agents.

CONDITIONS TO AVOID: Impact, open flame, sunlight, heat above 120°F, ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

VIII. SPILL OR LEAK PROCEDURES

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

For Large Spill: Dike far ahead of spill and collect for later disposal.

WASTE DISPOSAL METHOD: Do not puncture or incinerate. Consult applicable local, state and federal regulations. Notify treatment plant in case of large spill.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required.

VENTILATION: Should be adequate to avoid irritating concentrations. Use exhaust system.

PROTECTIVE GLOVES: Not required.

EYE PROTECTION: Not required.

OTHER PROTECTIVE MEASURES: None.

X. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in accordance with NFPA 30B for Level II aerosols.

FLAMMABLE: Do not puncture or incinerate. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Do not store at temperatures above 120°F. Store in a room with even, normal temperature away from sunlight, radiators, and heating elements.

OTHER PRECAUTIONS: STORE OUT OF REACH OF CHILDREN.

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