

MATERIAL SAFETY DATA SHEET 2

Manufactured for: Sebastian International
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SEBASTIAN, ZERO-G HAIRSPRAY (80% VOC)

Latest Revision Date...01/27/05

Print Date.....01/27/05

SECTION 1**PRODUCT IDENTIFICATION**

PRODUCT NAME OR NUMBER..... SEBIN7A,7B,7C,7D,7E
TRADE NAME OR CHEMICAL NAME... SEBASTIAN,ZERO-G HAIRSPRAY (80% VOC)
SYNONYMS..... NA
FORMULA..... TSI7A01 (2314/101-0803-C1(09088)11)
CHEMICAL FAMILY..... NA
MOLECULAR WEIGHT..... NA
NPPA..... NA NA
HMIS RATING..... HEALTH=1; FLAMMABILITY=4; REACTIVITY=0

SECTION 2**HAZARDOUS INGREDIENTS / HAZARD DATA**

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% WT</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>SEC. 313</u>
ETHANE,1,1-DIFLUORO-	75-37-6	16	1000 ppm	UNKNOWN	No
ISOBUTANE	68476-85-7	19	1000 ppm	1000 ppm	No
BUTYL ESTER OF PVN/MA COPOLYMER	25119-68-0	7	1000 ppm	1000 ppm	No
ETHANOL	64-17-5	57	1000 ppm	1000 ppm	No

Information for mixtures is based on constituent MSDS which are available upon request. (Minus Proprietary Trade Names).

SECTION 3**PHYSICAL DATA**

BOILING/MELTING POINT @760 mm Hg... 173°F
pH..... @ 25°C = 5.4 - 5.8 10% SOLUTION
VAPOR PRESSURE mm Hg @20°C..... CAN PRESSURE NOT TO EXCEED 139 psig @ 130°F
VAPOR DENSITY (Air = 1)..... >1
PERCENT VOLATILE BY WEIGHT (%)..... ND
SPECIFIC GRAVITY OR BULK DENSITY... @25°C = 0.802 - 0.822
SOLUBILITY IN WATER..... SOLUBLE
EVAPORATION RATE (BuAc = 1)..... >1
APPEARANCE..... CLEAR, STRAW YELLOW LIQUID
ODOR..... FRESH & CLEAN; CHARACTERISTIC ODOR
INTENSITY..... ND

SECTION 4**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT °F (Test Method)..... -30°F TCC (PROPELLANT ONLY); 36°F (LIQUID, EPA METHOD 1010)
AUTOIGNITION TEMPERATURE..... NA
FLAMMABILITY LIMITS IN AIR (% V)... LEL=1.8%; UEL=9.5%
EXTINGUISHING MEDIA..... CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER
SPECIAL FIRE FIGHTING PROCEDURES... KEEP TEMPERATURE OF CONTAINERS BELOW 120°F BY SPRAYING WITH WATER UNTIL THE FIRE HAS BEEN EXTINGUISHED.
UNUSUAL FIRE & EXPLOSION HAZARDS... CONTAINERS MAY RUPTURE AND RELEASE FLAMMABLE LIQUIDS AND/OR GASSES IF EXPOSED TO HEAT OF FIRE.

SEBASTIAN ZERO-G HAIRSPRAY (80% VOC)**SECTION 5 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE**

SKIN CONTACT.....None known.
 EYE CONTACT.....Direct contact of product with eyes may cause irritation, and may result in irreversable damage.
 INHALATION.....None known.
 INGESTION.....If ingested may cause nausea and vomiting. If in aerosol form ingestion not likely
 CHRONIC EFFECTS
 OF OVEREXPOSURE....None known.
 TOXICOLOGICAL
 TEST DATA.....No results available.

SECTION 6 EMERGENCY AND FIRST AID PROCEDURES

SKIN.....Wash excess material from skin with soap and water.
 EYES.....Flush eyes with generous amounts of water for at least 15 minutes. Consult a physician if irritation occurs or worsens.
 INGESTION...Product is not likely to be ingested. If this occurs, treat syptomatically. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
 INHALATION...Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY..... STABLE
 Conditions to Avoid..... DO NOT STORE CONTAINERS IN DIRECT SUNLIGHT OR WHERE CONDITIONS WILL HEAT THEM ABOVE 120°F.
 CHEMICAL INCOMPATIBILITY..... DO NOT MIX WITH STRONG OXIDIZERS.
 HAZARDOUS DECOMPOSITION PRODUCTS... NORMAL PRODUCTS OF COMBUSTION.
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.
 Conditions to Avoid..... NONE KNOWN.
 CORROSIVE TO METAL..... NO.
 OXIDIZER..... NA

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....None required.
 VENTILATION.....Normal ventilation.
 PROTECTIVE CLOTHING.....Not necessary except as good industrial practice.
 EYE PROTECTION.....Not necessary except as good industrial practice.
 OTHER PRECAUTIONS.....Avoid excessive inhalation. Read and follow all label directions and cautions. Use only as directed.

SECTION 9 ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA..... NA
 SPILL OR LEAK PROCEDURES..... LEAKING CANS SHOULD BE PLACED IN OPEN CONTAINERS, OUTDOORS, AWAY FROM ANY SOURCE OF IGNITION, UNTIL ALL PRESSURE HAS BEEN RELEASED.
 HAZARDOUS SUBSTANCE SUPERFUND... NA
 WASTE DISPOSAL METHOD..... BURY OR INCINERATE IN APPROVED DISPOSAL FACILITIES AND IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
 HAZARDOUS WASTE 40CFR261..... D001
 CONTAINER DISPOSAL..... EMPTY CONTAINERS MAY BE DISPOSED OF AS NORMAL REFUSE. RECYCLE WHENEVER POSSIBLE.

SECTION 10 SHIPPING DATA - HIGHWAY

D.O.T. PROPER SHIPPING NAME..... CONSUMER COMMODITY

SEBASTIAN, ZERO-G HAIRSPRAY (80% VOC)**SECTION 10****SHIPPING DATA - HIGHWAY**

CONT'D

HAZARDOUS SUBSTANCE 49CFR CERCLA... NA
 D.O.T. HAZARD CLASS..... ORN-D
 D.O.T. LABELS REQUIRED..... NONE
 D.O.T. PLACARDS REQUIRED..... NONE
 POISON CONSTITUENT..... NONE
 BILL OF LADING DESCRIPTION..... CONSUMER COMMODITY ORN-D
 EMERGENCY RESPONSE GUIDE NUMBER... NAERG #171
 EMERGENCY TELEPHONE NUMBER..... CHEM-TEL 1-813-979-0626; US & CANADA ONLY 1-800-255-3924; INTERNATIONAL 00-1-813979-0626
 UN/NA CODE..... NONE

SECTION 11**SHIPPING DATA - IATA (AIR)**

IATA PROPER SHIPPING NAME..... DOMESTIC: CONSUMER COMMODITY; EXPORT: AEROSOLS, FLAMMABLE, N.O.S., UN1950
 IATA HAZARD CLASS..... 2.1
 IATA LABELS REQUIRED - PRIMARY.... DOMESTIC: CONSUMER COMMODITY ORN-D-AIR; EXPORT: FLAMMABLE GAS
 IATA LABELS REQUIRED - SECONDARY... NA
 BILL OF LADING DESCRIPTION..... DOMESTIC: CONSUMER COMMODITY ORN-D-AIR, 9, ID8000; EXPORT: AEROSOLS, FLAMMABLE, N.O.S., 2.1, UN1950
 UN/NA CODE..... DOMESTIC: NONE; EXPORT: UN1950
 PACKING INSTRUCTION..... DOMESTIC: 910; EXPORT: 203/Y203 AUTHORIZATION: LTD.QTY.
 EMERGENCY RESPONSE GUIDE NUMBER... 126
 EMERGENCY RESPONSE TELEPHONE NO... CHEM-TEL 1-813-979-0626; US & CANADA ONLY 1-800-255-3924; INTERNATIONAL 00-1-813979-0626

SECTION 12**SHIPPING DATA - IMDG (WATER)**

IMDG PROPER SHIPPING NAME..... AEROSOLS
 IMDG HAZARD CLASS..... 2.1
 IMDG LABELS REQUIRED - PRIMARY.... CARTON MUST BE MARKED "AEROSOLS"
 IMDG LABELS REQUIRED - SECONDARY... NONE
 IMDG PLACARDS REQUIRED..... NONE
 BILL OF LADING DESCRIPTION..... AEROSOL, 2, UN1950
 MARINE POLLUTANT..... NO
 EMERGENCY RESPONSE GUIDE NUMBER... 126
 EMS NUMBER..... 2-13
 MFAG NUMBER..... 620
 EMERGENCY TELEPHONE NUMBER..... CHEM-TEL: INTERNATIONAL CALL 00-1-813979-0626; DOMESTIC 1-813-979-0626; US & CANADA ONLY 1-800-255-3924
 IMDG PAGE NUMBER..... 2102
 UN CODE..... UN1950

SECTION 13**ADDITIONAL INFORMATION**

This Material Safety Data Sheet (MSDS) Has been prepared in compliance with OSHA Hazard Communication Standard 29CFR 1910,1200
 The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued.
 We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his particular use.

SEBASTIAN, ZERO-G HAIRSPRAY (80% VOC)

SECTION 13

ADDITIONAL INFORMATION

CONT'D

PREPARED BY: B. MacGREGOR TECHNICAL DIRECTOR
NA (N/A): NOT AVAILABLE

ABBREVIATIONS:

UNK: UNKNOWN

NE (N/E): NOT ESTABLISHED

ND (N/D): NOT DETERMINED