

# Material Safety Data Sheet

according to ANSI Z400.1-2004

## SEBASTIAN ZERO G HAIRSPRAY 55% VOC

Date: April 16, 2008

Product code : 80034070AFA0

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### 1. Product and Company Identification

#### Commercial product name

SEBASTIAN ZERO G HAIRSPRAY 55% VOC

#### **Chemical characterization** ( preparation )

Contains >45% by mass of flammable ingredients.

#### Information manufacturer / supplier

Company name : SEBASTIAN INTERNATIONAL - 6109 De Soto Avenue, Woodland Hills, CA 91367

Telephone : (818) 999-5112  
Contact person : RD-PSCE-Herr Schoder Telephone : 0049 -(0)6151-34-0  
e-mail : Schoder.W@pg.com Telefax : 0049-(0)6151-342748  
Internet : www.wella.com  
Inquiry office : Emergency telephone USA only: call CHEMTREC 1-800-424-9300  
Emergency telephone : 0049-(0)-6151-340-Germany

### 2. Hazards Identification

#### **Route(s) of Entry**

Inhalation: Yes  
Ingestion: No  
Skin: Yes

#### **Signs and Symptoms of Exposure**

Inhalation of high vapour concentrations can cause CNS-depression and narcosis.  
Effects of breathing high concentrations of vapour may include cardiac irregularities  
Irritating to eyes.

Carcinogenicity (NTP) : No  
Carcinogenicity (IARC) : No  
Carcinogenicity (OSHA) : No

#### **Special hazards for human health and environment**

Extremely flammable.  
In use, may form flammable/explosive vapour-air mixture.

### 3. Composition/Information on Ingredients

#### **Hazardous components**

CAS No.	Components	Quantity
64-17-5	ETHANOL (ALCOHOL)	50% - 60%
25119-68-0	METHOXYETHENE,POLYMER WITH 2-BUTENEDICARBONIC ACID MONOBUTYLESTER,ETHANOL SOLUTION 50%	5% - 10%
75-37-6	1,1-DIFLUOROETHANE (HYDROFLUOROCARBON 152A)	40% - 50%

### 4. First Aid Measures

#### **After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.  
If symptoms persist, call a physician.

#### **After contact with eyes**

Flush eye(s) immediately with plenty of water.  
If eye irritation persists, consult a specialist.

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### After ingestion

Clean mouth with water and drink afterwards plenty of water.  
If symptoms persist, call a physician.

## 5. Fire Fighting Measures

### Suitable extinguishing media

sprayed water stream  
/ alcohol-resistant foam / chemical fire extinguisher  
/ carbon dioxide (CO<sub>2</sub>)

### Special exposure hazards arising from the chemical

In case of a fire explosion of the aerosol cans is possible. People have to be evacuated from the storage area. Fire-fighters must be informed about the presence of aerosol cans. Surrounding containers have to be cooled with spray water from a safe distance.

### Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

### Additional information

Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

## 6. Accidental Release Measures

### Personal precautions

Remove all sources of ignition.  
Do not breathe vapours or spray mist.  
Ensure adequate ventilation.  
Avoid contact with eyes.

### Environmental precautions

Do not flush into surface water or sanitary sewer system.

### Methods for cleaning up/taking up

Soak up the product with absorbent, non-flammable material.  
Risk of fire.  
After cleaning, flush away traces with water.

## 7. Handling and Storage

### Handling

#### Advice on safe handling

Spray in short sequences and ventilate room after spraying.  
Do not inhale. Follow strictly instructions for use on the package.

#### Advice on protection against fire and explosion

Extremely flammable.  
In use, may form flammable/explosive vapour-air mixture.  
Keep away from sources of ignition - No smoking.  
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

#### Further information on handling

Do not spray into the eyes or on irritated skin.  
Do not inhale intentionally.

### Storage

#### Requirements for storage rooms and vessels

Keep in a dry, cool place.  
Keep out of reach of children.

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### Further information on storage conditions

Observe storage regulations for aerosols.

## 8. Exposure Controls/Personal Protection

### Exposure limit values

#### Exposure limits

CAS No.	Components	ml/m <sup>3</sup>	mg/m <sup>3</sup>	fib/cc	Category	Origin
64-17-5	Ethyl alcohol (Ethanol)	1000	1900		TWA (8 h)	PEL

#### Additional advice on control parameters

1,1-Difluoroethane ; CAS-no.:75-37-6: Acceptable exposure limit (8h-TWA) = 1000 ml/m<sup>3</sup> (Du Pont)

### Exposure controls

#### Occupational exposure controls

The maximum occupational exposure limit will not be reached under normal conditions of use

## 9. Physical and Chemical Properties

### Appearance

Form : Spray  
Color : colourless  
Odor : perfumed

### Important health, safety and environmental information

pH-Value : 5.5 - 6.5  
Test method : bulk solution without propellants

#### Changes in the physical state

Flash point : not applicable (aerosol)

#### Explosive properties

In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits : 3.5 (ETHANOL) vol. %  
Upper explosion limits : 16.9(1,1-DIFLUOROETHANE)

#### Oxidizing properties

Not applicable

Water solubility : completely miscible  
bulk solution without propellants

#### Solvent content

50% - 60%

### Other information

Ignition temperature : 425 °C (ETHANOL)

## 10. Stability and Reactivity

### Stability

Stable

### Conditions to avoid

To avoid thermal decomposition, do not overheat.  
Keep away from direct sunlight.  
Avoid sparks and static charges.

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### Materials to avoid

oxidising agents

### Possibility of Hazardous Reactions

May occur

## 11. Toxicological Information

### Acute toxicity

LD50/oral/rat = >2000 mg/kg (calculated )

Inhalation of high vapour concentrations can cause CNS-depression and narcosis.

### Corrosive and irritant effects

Eye irritation:

Irritating to eyes.

Skin irritation:

non-irritant

### Sensitising effects

No known sensitizing effect.

## 12. Ecological Information

### Ecotoxicity

The product is not considered to be hazardous to water organisms.

## 13. Disposal Considerations

### Advice on disposal

In accordance with local and national regulations.

The can must be completely empty before disposal.

## 14. Transport Information

### US DOT 49 CFR 172.101

#### Proper shipping name

Consumer Commodity ORM-D

#### Land transport (ADR/RID)

ADR/RID class : 2

Warning plate

UN number : 1950

#### Description of the goods

Aerosols, flammable

#### Marine transport

IMDG code : 2

UN number : 1950

EmS : F-D,S-U

#### Description of the goods

Aerosols, flammable

#### Air transport

ICAO/IATA-DGR : 2.1

UN/ID number : 1950

IATA-packing instructions - Passenger : 203

IATA-packing instructions - Cargo : 203

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### Description of the goods

Aerosols, flammable

## 15. Regulatory Information

### U.S. Regulations

#### National Inventory TSCA

Cosmetic products are not regulated under TSCA.

## 16. Other Information

### Other data

Canada: WHMIS classification: Class A ; B1 ; D2B

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*