

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** Re:nu Age Defy Volumizing Foam

**MANUFACTURER'S NAME:**

**Zotos International Inc**

**www.joico.com**

**EMERGENCY #:** (800) 584-8038 - 24 hours

**INFORMATION #:** (203) 656-7859 (8:30 am– 5:00 pm)

**ADDRESS (NUMBER, STREET, CITY, STATE, & ZIP CODE):**

**100 Tokeneke Road,**  
**Darien, CT 06820**

**PREPARED:**1/31/2008

**CURRENT MSDS UPDATE:**

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME(S)	CAS NUMBER	TLV-TWA	PEL
Mixture of Propane/Isobutane		1000 ppm	UNK

## SECTION 3. HAZARDS IDENTIFICATION

**Physical/chemical hazards:** The data available do not support any physical or chemical hazard.  
**Human health hazards:** The data available do not support any adverse human health hazard.  
**Environmental hazards:** The data available do not support any environmental hazard.

## SECTION 4. FIRST-AID MEASURES

### **Effects and symptoms**

**Inhalation:** No specific effects and/or symptoms have been reported or known.

**Ingestion:** No specific effects and/or symptoms have been reported or known.

**Skin contact:** Prolonged or repeated exposure may be irritating (redness, pain).

**Eye contact:** Prolonged or repeated exposure may be irritating (redness, tears and pain).

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## First-aid measures

**Inhalation:** None Known.

**Ingestion:** Product is not likely to be ingested. If this occurs, treat symptomatically. Never give anything by mouth to an unconscious person. Call a physician.

**Skin contact:** Remove contaminated clothing. Wash off with plenty of water and soap.

**Eye contact:** Avoid spraying in eyes. Accidental introduction into eye can result into moderate irritation. Immediately wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Consult a doctor in the event of any complaints.

**Protection of first-aiders:** Avoid exposure. Use appropriate protection (see section 8).

## SECTION 5. FIRE-FIGHTING MEASURES

### **Extinguishing media**

**Suitable:** All types of extinguishing agent permitted. Dike fire control water for later disposal.

**Special fire-fighting procedures:** Since all pressurized aerosol cans may explode when exposed to excessive heat protect from excessive heat with water spray.

**Protection of fire-fighters:** Burning may produce: toxic and/or corrosive vapours/gases. Wear suitable protective clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Flammable. Do not use near flame or while smoking.

**Environmental precautions:** Leaking cans should be placed in open containers outdoors from any source of ignition, until all pressure has been released.

**Methods for cleaning up:** Seal leak if possible without risk. Prevent dispersion. Collect spilled material in sealable containers. Wash away remainder with plenty of water.

## SECTION 7. HANDLING AND STORAGE

**WARNING:** Contents under pressure. Do not puncture or incinerate.

**Handling:** When handling the product, allow for materials and conditions which should be avoided (see Section 10). Avoid contact with skin and eyes.

**Specific use(s):** Not available.

**Storage:** Store in dry area at normal temperatures. Avoid storing at high temperature or near heat source. Avoid freezing temperatures.

### Packaging materials

**Suitable:** Not available.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Engineering measures:** Ventilation recommended.

**Hygiene measures:** When using do not eat, drink or smoke. Follow good housekeeping practices.

**Personal Protective Equipment**

**Respiratory system:** With sufficient ventilation, extraction or closed system, breathing apparatus not necessary.

**Other protective equipment:** Not available.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Dense foam
<b>Color:</b>	White
<b>Odor:</b>	Fragranced
<b>Molecular weight:</b>	N/A
<b>Boiling point:</b>	N/A
<b>Melting point:</b>	N/A
<b>Density:</b>	1.1 - 2.1
<b>Vapour density (air=1):</b>	N/A
<b>Vapor pressure :</b>	Can pressure not to exceed 139 psig @ 131°F (55°C)
<b>Specific gravity (H2O=1):</b>	1.010 – 1.025
<b>Solubility in water:</b>	Soluble
<b>Octanol/water partition:</b>	N/A
<b>pH:</b>	N/A
<b>Flash point:</b>	> 75 C
<b>Explosion properties:</b>	Containers may rupture and release flammable liquids and/or gasses if exposed to heat of fire.

## SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
Conditions to avoid: Do not store containers in direct sunlight or where conditions will heat them above 120 F (50 C).

**Hazardous Reactions:** Not available.

**Chemical Incompatibility:** Do not mix with strong oxidizers

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** N/A

**Dermal:** Repeated exposure may cause skin dryness or cracking.

**Eye irritation:** Direct contact of product with eyes may cause irritation, and may result in irreversible damage.

## SECTION 12. ECOLOGICAL INFORMATION

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No ecological information is known on the product.  
Rarely presents a problem when used according to directions. This product is safe for its intended use.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Methods of disposal:** Bury or incinerate in approved disposal facilities and in accordance with all Federal, State and Local Regulations.

**Contaminated packaging:** Keep waste packaging separate. Because of possible pollution, remove as industrial waste or hazardous waste. Empty containers may be disposed of as normal refuse. Recycle whenever possible. Before offering for recycling empty the can by using the product according to the label. (Do not puncture).

## SECTION 14. TRANSPORT INFORMATION

**DOT Class:** Exempt \_\_\_      Red Label: \_\_\_      Consumer Commodity ORM-D X  
Oxidizer \_\_\_      Un No. 1950\_\_\_

## SECTION 15. REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)  
This Material is not known to contain any chemicals currently listed as carcinogens or reproductive toxics under California Proposition 65 at levels which would be subject to the proposition.

## SECTION 16. SUPPLIER INFORMATION

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.

**Abbreviations:**

Na (N/A): Not Available  
UNK: Unknown  
NE (N/E): Not Established  
ND (N/D): Not Determined