



ZEP Manufacturing Company  
 Acuity Specialty Products Group, Inc.  
 P. O. Box 2015  
 Atlanta, GA 30301  
 1-877-I-BUY-ZEP (428-9937)

# Material Safety Data Sheet

## and Safe Handling and Disposal Information

### Section 1. Chemical Product and Company Identification

**Product name** AERO TAC II  
**Product Use** Aerosol Adhesive  
**Product Code** 0225  
**Date of issue** 11/10/04 **Supersedes** 02/19/04

**Emergency For MSDS Information:**  
**Telephone Numbers** Acuity Specialty Products Group, Inc.  
**Compliance Services 1-877-I-BUY-ZEP (428-9937)**

**For Medical Emergency**  
 INFOTRAC:  
 (877) 541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency**  
 CHEMTREC:  
 (800) 424-9300 - All Calls Recorded  
 In the District of Columbia (202) 483-7616

Printing date: 11/11/04

**Prepared by** Compliance Services Group  
 Acuity Specialty Products Group  
 1420 Seaboard Industrial Blvd.  
 Atlanta, GA 30318

### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HEPTANE, n-heptane	142-82-5	20 - 30	OSHA PEL (United States). TWA. 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 500 ppm 15 minute(s).
ACETONE, dimethyl ketone	67-64-1	20 - 30	ACGIH TLV (United States). TWA: 500 ppm 8 hour(s). OSHA PEL (United States). TWA. 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s).

### Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Inhalation. Absorbed through skin.

**Skin** Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, or reddening. Product may be dermally absorbed. Defatting properties, may aggravate an existing dermatitis.

**Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical Conditions Aggravated by Overexposure: Respiratory.

**Ingestion** Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia.

#### HMIS

Health	1
Fire Hazard	4
Reactivity	0
Personal Protection	B

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Prolonged skin contact may cause dermatitis with drying and cracking of skin. Over-exposure by inhalation or absorption can cause central nervous system depression. Repeated or prolonged exposure to the substance can produce damage to central nervous system, kidneys, liver, and eyes.

See Toxicological Information (section 11)

### Section 4. First Aid Measures

**Eye Contact** Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.


**Skin Contact** Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion** Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. NEVER give an unconscious person anything to ingest. Get medical attention immediately.

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**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Closed cup: <-18°C (<0°F). (Pensky-Martens.)	<b>Flammable Limits</b> LOWER: 1% UPPER: 18%	
<b>Flammability</b>	Extremely flammable. (CSMA) Aerosol that may flashback.		
<b>Fire Hazard</b>	FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions or when heated.		
<b>Fire-Fighting Procedures</b>	Use dry chemical or CO <sub>2</sub> . Wear special protective clothing and positive pressure, self-contained breathing apparatus. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		

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**Section 6. Accidental Release Measures**

**Spill Clean up** Large spills are unlikely due to packaging.


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**Section 7. Handling and Storage**

<b>Handling</b>	Extremely flammable liquid and vapor. Store and use away from heat, sparks, open flame, or any other ignition source. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing.
<b>Storage</b>	Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 120°F (49°C). Do not puncture or incinerate. Keep out of the reach of children.

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**Section 8. Exposure Controls, Personal Protection**

	<b>Personal Protection</b>	<b>Protective Clothing (Pictograms)</b>
<b>Eyes</b>	Safety glasses with side shields.	
<b>Body</b>	Chemical resistant gloves. (Viton, Nitrile, or Neoprene)	
<b>Respiratory</b>	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.	

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**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. (Aerosol.)	<b>Color</b> White.
<b>pH</b>	Not applicable.	<b>Odor</b> Mint.
<b>Boiling Point</b>	Not determined.	<b>Vapor Pressure</b> Not available.
<b>Specific Gravity</b>	0.7 (Water = 1)	<b>Vapor Density</b> >1 (Air = 1)
<b>Solubility</b>	Insoluble in cold water, hot water.	<b>Evaporation Rate</b> <1 compared to Butyl acetate.
		<b>VOC (Consumer)</b> 54.1% 3.15 lbs/gal 378 (g/l).

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**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Carbon Dioxide, Carbon Monoxide and other organic materials. .

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**Section 11. Toxicological Information**

**Toxicity to Animals** Not available.

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**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.

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**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	<b>Waste Stream</b> Code: D001 Classification: - (Hazardous waste.) Origin: - (RCRA waste.)
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Consult your local or regional authorities.

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**Section 14. Transport Information**

<b>Proper shipping name</b>	Consumer Commodity	<b>UN number</b> Not regulated.
<b>DOT Classification</b>	ORM-D	

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**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

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**State Regulations**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Formaldehyde, Acetaldehyde, Benzene

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**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*