



MATERIAL SAFETY DATA SHEET

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1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 96 ANABONDA

USE/DESCRIPTION
 Industrial, Flexible, Waterproof Adhesive

REVISION DATE
 September 15, 2011

HMIS III HEALTH (0 = Maximum Safety) *3

Always follow Label Directions and Cautions.

| | |
|-----------|------------|
| * Chronic | 2 Moderate |
| 4 Severe | 1 Slight |
| 3 Serious | 0 Minimal |

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 1

Susceptible to Release of Energy.

| | |
|--|--|
| 4 May detonate-vacate area if materials are exposed to fire. | 2 Violent chemical change possible-use hose stream from distance |
| 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. | 1 Unstable if heated-use precaution. |
| | 0 Normally stable. |

FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

| | |
|-----------------------------------|---------------------|
| 4 Extremely flammable. | 1 Must be preheated |
| 3 Ignites at normal temperature. | to burn. |
| 2 Ignites when moderately heated. | 0 Will not burn. |

PERSONAL PROTECTION: n & p



2. COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS# | %Range | ACGIH TLV (TWA/STEL) | OSHA PEL (TWA) | LD50 (Species/Route) | LC50 (Species) |
|-----------------------|----------|--------|---|---------------------------------|------------------------|---------------------|
| Tetrachloroethylene | 127-18-4 | 60-100 | 100 ppm-15minutes 685 mg/m3-15 minutes | 25 ppm-8 hr 170 mg/m3 - 8 hr | >5000 mg/kg (Rat/oral) | >2000 ppm Rat 4 hr. |

3. HAZARDS IDENTIFICATION

Eyes: May cause eye irritation. Prolonged contact can result in discomfort, pain and irritation.

Skin: May cause irritation. Repeated and/or prolonged contact may cause irritation and redness.

Inhalation: May be irritating to respiratory tract. Repeated and/or prolonged contact may cause respiratory tract irritation, dizziness, headache and coughing. Prolonged exposure above OSHA permissible limits may result in liver and kidney damage.

Ingestion: Single dose oral toxicity is low. Ingestion may result in irritation of the mouth and gastrointestinal tract Vomiting and subsequent aspiration into the lungs may lead to injury of other body systems.

Target organs: Contains material which may cause damage to: kidneys, liver, mucous membranes, gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing eye, skin, and lung conditions.

4. FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses is wearing them. Get medical attention.

Skin: Flush area with water for at least 15 minutes while removing contaminated clothing. Following by washing with soap and plenty of water. If symptoms develop, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, if breathing is irregular and if respiratory arrest occurs, provide oxygen by trained personnel (Do not give mouth-to-mouth). Get medical attention immediately.

Ingestion: DO NOT induce vomiting unless directed to by medical personnel. Wash out mouth with water. If person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): Not available.

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce toxic irritating gases and fumes.

Fire and Explosion Hazards: If containers are exposed to excessive heat, over-pressurization can result in container rupture.

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up and cause container to burst.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Wipe up or soak up immediately with inert material; transfer to closed metal container.

Large Spills: Evacuate area; contain liquid; transfer to closed metal containers; keep out of water supply. Dispose of via a licensed waste disposal contractor.

7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in original container tightly closed protected from direct sunlight in a cool, dry, well-ventilated area. Protect from freezing. In large quantities, lethal concentrations may exist in areas with poor ventilation. Do not use in poorly ventilated or confined spaces without proper respiratory protection. Vapors will collect in low places such as pits, storage tanks and other confined spaces. Do not enter these areas unless special breathing apparatus is used and an observer is present. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety goggles are recommended to avoid liquid splashes, mists, gases or dusts.

Skin: Chemical resistant gloves are recommended.

Respiratory: If ventilation is inadequate to maintain atmospheric levels below the TLV wear a NIOSH approved air purifying organic cartridge respirator. For emergency and overexposure, use an approved positive pressure self-contained breathing apparatus. In confined or poorly ventilated areas, use an approved positive pressure self-contained breathing apparatus.

Engineering Controls: Adequate ventilation should be provided to keep vapor concentrations below acceptable exposure guidelines. Use only with adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >250F/121C **Specific Gravity:** 1.36 (H₂O=1)

Vapor Density: >1 (air=1) **Evaporation Rate:** <1 (ether=1)

Appearance and Odor: Viscous liquid with ether-like scent

Vapor Pressure: 13 mmHg **Melting Point:** ND

Solubility in Water: Negligible **pH:** NA

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Chemical Stability: Stable

Incompatibility: Strong acids, oxidizing materials, such as bleach, caustic soda or potash

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): Tetrachloroethylene is listed as a potential carcinogen by IARC & NTP. Results of in vitro mutagenicity tests have been negative. Prudent handling practices should be followed to minimize human exposure.

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? Yes; Tetrachloroethylene

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Available upon request.

TDG: Available upon request.

UN: Available upon request.

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 0.4407%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: Acute

SARA Title III Section 313 Toxic Chemicals: Tetrachloroethylene C#127-18-4

WHMIS Classification: Class D-1B

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 96 ANABONDA

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