

UNITED
LABORATORIES

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To Reorder Call:
800-323-2594

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

USE/DESCRIPTION
Industrial, Flexible, Waterproof Adhesive

REVISION DATE
September 15, 2014

***3**

* Chronic
4 Severe
3 Serious

2 Moderate
1 Slight
0 Minimal

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

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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.

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




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	2629 mg/kg (Rat/oral)	>2000 ppm Rat 4 hr.

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

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

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 Pressure: 1.7kPa (13 mmHg) **Melting Point:** ND

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

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

Appearance and Odor: Viscous liquid with ether-like scent

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-Land USA: (Tubes) Consumer commodity ORM-D

Fully regulated DOT Classification: UN 1897, Tetrachloroethylene mixture, 6.1, PG III

UN: Available upon request.

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 0.12%

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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