

SAFETY DATA SHEET

PACER
TECHNOLOGY
INDUSTRIAL • PRIVATE LABEL



Date Prepared : 10/24/2012
MSDS No : CONTACT CEMENT-GHS
Date-Revised : 04/17/2017
Revision No : 5

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: CONTACT CEMENT TUBE (T-CC)

MANUFACTURER

Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761

Emergency Contact: CHEMTREC

Emergency Phone: 800-424-9300

Alternate Emergency Phone: 703-527-3887

Product Stewardship: 909-987-0550

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Reproductive Toxicity, Category 2
Specific Target Organ Toxicity (Repeated Exposure), Category 2
Aspiration Hazard, Category 1
Skin Irritation, Category 2
Eye Irritation, Category 2A
Specific Target Organ Toxicity (Single Exposure), Category 3

Physical:

Flammable Liquids, Category 2

GHS LABEL ELEMENTS

Note: If this product is a consumer product it is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.



Flame



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENT(S)

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Prevention:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233: Keep container tightly closed.
- P240: Ground and bond container and receiving equipment.
- P241: Use explosion-proof electrical/ventilating/lighting equipment.
- P242: Use non-sparking tools.
- P243: Take action to prevent static discharges.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264: Wash skin and hands thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P281: Use personal protective equipment as required.
- P370: In case of fire: Use for extinction: CO₂, powder or water spray.

Response:

- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313: IF exposed or concerned: Get medical advice/ attention.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P314: Get medical advice/attention if you feel unwell.
- P331: Do NOT induce vomiting.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P362: Take off contaminated clothing.
- P391: Collect spillage.
- P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.

Storage:

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

Disposal:

- P501: Dispose of in a manner consistent with federal, state, and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ethyl Acetate	25 - 50	141-78-6
2-Butanone	25 - 50	78-93-3
Solvent naphtha (petroleum), light aliph. (Heptane)	< 10 - 25	64742-89-8

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Hexane	< 5 - 10	110-54-3
Cyclohexane	< 2.5 - 10	110-82-7

4. FIRST AID MEASURES

EYES: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

SKIN: Immediately wash with water and soap and rinse thoroughly.

INGESTION: If symptoms persist consult doctor. Do not induce vomiting.

INHALATION: In case of unconsciousness place patient stably in side position for transportation.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: During heating or in case of fire poisonous gases are produced.

EXTINGUISHING MEDIA: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

FIRE FIGHTING EQUIPMENT: Wear an approved mouth respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to enter sewers/ surface or ground water.

LAND SPILL: Do not allow to enter sewers/ surface or ground water.

AIR SPILL: Do not allow to enter sewers/ surface or ground water.

GENERAL PROCEDURES: Ensure adequate ventilation. Dispose contaminated material as waste according to section 13.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.

HANDLING: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.

STORAGE: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Ethyl Acetate	OSHA PEL	TWA	400	1400
	ACGIH TLV	TWA	400	1440
2-Butanone	OSHA PEL	TWA	200	590
	ACGIH TLV	TWA	200	
		STEL	300	
Hexane	OSHA PEL	TWA	500	1800
	ACGIH TLV	TWA	50	180
Cyclohexane	OSHA PEL	TWA	300	1050
	ACGIH TLV	TWA	100	

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Tightly sealed goggles.

SKIN: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of glove material should take into consideration the penetration times, rates of diffusion and the degradation.

RESPIRATORY: In case of brief exposure or low pollution use respiratory filter device. In case of longer exposure use respiratory protective device that is independent of circulating air.

PROTECTIVE CLOTHING: Wear protective clothing. Launder contaminated clothing before reuse.

WORK HYGIENIC PRACTICES: Wash hands before breaks and at the end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Characteristic

ODOR THRESHOLD: No data available

COLOR: Yellowish

pH: No data available

PERCENT VOLATILE: No data available

FLASHPOINT AND METHOD: -9°C (16°F)

FLAMMABLE LIMITS: 1.3% to 11.50%

AUTOIGNITION TEMPERATURE: Product is not selfigniting.

VAPOR PRESSURE: 105 mmHg at 20 °C (68°F)

VAPOR DENSITY: Heavier than air

BOILING POINT: 69°C (156°F)

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FREEZING POINT: No data available
MELTING POINT: No data available
THERMAL DECOMPOSITION: No data available
SOLUBILITY IN WATER: Not miscible or difficult to mix.
EVAPORATION RATE: Slower than (n-Butyl Acetate)
DENSITY: 0.848 g/cm³ (7.077 lbs/gal) @ 20C (68F)
SPECIFIC GRAVITY: 0.848
VISCOSITY: No data available
(VOC): 679.0 g/L

10. STABILITY AND REACTIVITY

REACTIVITY: No data available
CONDITIONS TO AVOID: No data available
POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.
HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Ethyl Acetate	5620 mg/kg (rat)	180000 mg/kg (rabbit)	45000 mg/m ³ per 2 hrs (mouse)
2-Butanone	2483 mg/kg (rat)	5000 mg/kg (rabbit)	
Hexane	25000 mg/kg (rat)	No data available	48000 mg/L per 4 hr (rat)

SKIN CORROSION/IRRITATION: Irritant to skin and mucous membranes.

SERIOUS EYE DAMAGE/IRRITATION: Irritating effect.

CARCINOGENICITY

IARC: 1,3, butadiene, 2-chloro-, homopolymer (9010-98-4) - Group 3. Talc (hydrous magnesium silicate) (14807-96-6) - Group 3.

NTP: None of the ingredients are listed.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Water hazard class 2 (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course, or sewage system. Danger to drinking water if even small quantities leak into ground.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1133, ADHESIVES CONTAINING FLAMMABLE LIQUID, 3, II, (LTD QTY, IP VOL LESS THAN OR EQUAL TO 1.0 L)

AIR (ICAO/IATA)

SHIPPING NAME: ID8000, CONSUMER COMMODITY, 9 (IP VOL LESS THAN OR EQUAL TO 0.5 L); or UN1133, ADHESIVES CONTAINING FLAMMABLE LIQUID, 3, II, (LTD QTY, IP VOL LESS THAN OR EQUAL TO 0.5 L)*

VESSEL (IMO/IMDG)

SHIPPING NAME: UN1133, ADHESIVES CONTAINING FLAMMABLE LIQUID, 3, II, (LTD QTY, IP VOL LESS THAN OR EQUAL TO 5.0 L)*

MARINE POLLUTANT #1: Cyclohexane

COMMENTS: * This product may be shipped as EXCEPTED QUANTITIES OF CLASS 3, UN1 133 (IP VOL LESS THAN OR EQUAL TO 0.03 L, OP VOL LESS THAN OR EQUAL TO 0.5 L)

The transport information provided in this section only applies to the material formulation/itself, and is not specific to any package/configuration. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organizations to follow all applicable laws, regulations, and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: 2-butanone (CAS 78-93-3), n-hexane (110-54-3), Cyclohexane (110-82-7), Zinc oxide (1314-13-2).

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
2-Butanone	25 - 50	78-93-3
Hexane	< 5 - 10	110-54-3
Cyclohexane	< 2.5 - 10	110-82-7

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Ethyl Acetate	25 - 50	5,000 lbs.
2-Butanone	25 - 50	5,000
Hexane	< 5 - 10	5,000
Cyclohexane	< 2.5 - 10	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Chemical Name	CAS
Ethyl Acetate	141-78-6
2-Butanone	78-93-3
Solvent naphtha (petroleum), light aliph. (Heptane)	64742-89-8
Hexane	110-54-3
Cyclohexane	110-82-7

TSCA STATUS: All ingredients in this product are listed, or are exempt, for the TSCA Inventory list

CALIFORNIA PROPOSITION 65: Not Applicable.

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Department

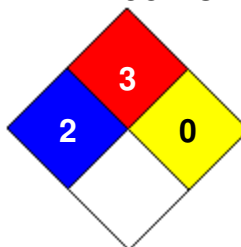
PREPARED BY: Pacer Technology Regulatory Department **Date-Revised:** 04/17/2017

REVISION SUMMARY: This MSDS replaces the 02/25/2016 MSDS. Revised: **Section 1:** APPROVED BY, Date Issued, Date-Revised, 24 HR. EMERGENCY TELEPHONE NUMBERS, MSDS No, PREPARED BY, TITLE. **Section 2:** EMERGENCY OVERVIEW (PHYSICAL APPEARANCE), POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 3:** Wt.%. **Section 4:** CHRONIC EFFECTS, EYES, INGESTION, INHALATION, SIGNS AND SYMPTOMS OF OVEREXPOSURE (SKIN), SKIN. **Section 5:** EXTINGUISHING MEDIA, FIRE FIGHTING EQUIPMENT, FIRE FIGHTING PROCEDURES, GENERAL HAZARD, HAZARDOUS DECOMPOSITION PRODUCTS. **Section 6:** AIR SPILL, GENERAL PROCEDURES, LAND SPILL, LARGE SPILL, SMALL SPILL, WATER SPILL. **Section 7:** GENERAL PROCEDURES, HANDLING, STORAGE. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT (EYES AND FACE, RESPIRATORY, PROTECTIVE CLOTHING), WORK HYGIENIC PRACTICES. **Section 9:** APPEARANCE, AUTOIGNITION TEMPERATURE, BOILING POINT, COLOR, DENSITY, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, FREEZING POINT, MELTING POINT, ODOR, ODOR THRESHOLD, PERCENT VOLATILE, pH, PHYSICAL STATE, SOLUBILITY IN WATER, SPECIFIC GRAVITY, VAPOR DENSITY, VAPOR PRESSURE, VISCOSITY, (VOC), THERMAL DECOMPOSITION. **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, HAZARDOUS POLYMERIZATION, INCOMPATIBLE MATERIALS, STABLE, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 11:** IARC, NTP, OSHA, , SKIN CORROSION/IRRITATION. **Section 12:** ENVIRONMENTAL DATA. **Section 13:** DISPOSAL METHOD. **Section 14:** AIR (ICAO/IATA) (NOTE), COMMENTS, DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME VESSEL (IMO/IMDG) (MARINE POLLUTANT #1, PRIMARY HAZARD CLASS/DIVISION, PACKING GROUP, UN/NA NUMBER). **Section 15:** 313 REPORTABLE INGREDIENTS, TSCA STATUS. **Section 16:** HMIS RATING (HEALTH, CHRONIC), NFPA CODES (HEALTH).

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA CODES



MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, Pacer Technology does not assume any

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liability 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 which exist.