

# SAFETY DATA SHEET



**Date Issued :** 12/10/2012  
**SDS No :** 11710387\_T-HCT12  
**Date Revised :** 06/04/2020  
**Revision No :** 11

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** SOLVENT BASED HSLHD CEMENT 1OZ (12)

**PRODUCT CODE:** 11710387\_T-HCT12

### MANUFACTURER

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

**Emergency Contact:** Chemtrec

**Emergency Phone:** (800) 424-9300

**Customer Service:** (909) 987-0550

### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Eye Irritation, Category 2A  
 Skin Sensitization, Category 1  
 Target Organ Toxicity (Single exposure), Category 3

#### Physical:

Flammable Liquids, Category 2

### GHS LABEL

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

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.  
 H317: May cause an allergic skin reaction.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.

### PRECAUTIONARY STATEMENTS

#### Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P240: Ground and bond container and receiving equipment.  
 P241: Use explosion-proof electrical/ventilating/lighting equipment.  
 P242: Use only non-sparking tools.  
 P243: Take action to prevent static discharges.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

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P264: Wash skin and hands thoroughly after handling.  
 P272: Contaminated work clothing must not be allowed out of the workplace.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P363: Wash contaminated clothing before reuse.

## 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.  
 P313: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P370: In case of fire: Use for extinction: CO2, powder or water spray.  
 P332: If skin irritation or rash occurs: Get medical advice/attention.

## 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
Methyl ethyl ketone	25 - 50	78-93-3
Acetone	2.5 - 10	67-64-1
3,4-Epoxy cyclohexylmethyl 3,4-epoxy cyclohexanecarboxylate	< 0.1 - 1	2386-87-0

## 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:** Supply fresh air and be sure to call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

**ADDITIONAL INFORMATION:** Immediately remove any clothing soiled by the product.

## 5. FIRE FIGHTING MEASURES

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

**OTHER CONSIDERATIONS:** For safety reasons unsuitable extinguishing agents: water with full jet.

**FIRE FIGHTING EQUIPMENT:** No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

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**SMALL SPILL:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

**RELEASE NOTES: Protective Action Criteria for Chemicals**

PAC -1: 2-butanone (CAS 78-93-3) - 200 ppm

PAC -1: Acetone (CAS 67-64-1) - 200 ppm

PAC-2: 2-butanone (CAS 78-93-3) - 2700 ppm

PAC-2: Acetone (CAS 67-64-1) - 3200 ppm

PAC-3: 2-butanone (CAS 78-93-3) - 4000 ppm

PAC-3 Acetone (CAS 67-64-1) - 5700 ppm

**SPECIAL PROTECTIVE EQUIPMENT:** Wear protective equipment. Keep unprotected persons away.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

**HANDLING:** Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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

**ELECTROSTATIC ACCUMULATION HAZARD:** Take measures to prevent the buildup of electrostatic charge.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes. Avoid contact with the eyes and skin.

**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.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling.

**COMMENTS:** The following constituents are the only constituents of the product which have a PEL, TLV, or other recommended exposure limit. At this time, the remaining constituent has no known exposure limits.

Methyl Ethyl Ketone (CAS 78-93-3):

PEL Long-term value: 590 mg/m<sup>3</sup>, 200ppm

REL Short-term value: 885 mg/m<sup>3</sup>, 300 ppm

REL Long-term value: 590 mg/m<sup>3</sup>, 200 ppm

TLV Short-term value: 885 mg/m<sup>3</sup>, 300 ppm

TLV Long-term value: 590 mg/m<sup>3</sup>, 200 ppm

Acetone (CAS 67-64-1)

PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000ppm

REL Long-term value: 590 mg/m<sup>3</sup>, 250 ppm

TLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm

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TLV Long-term value: 594 mg/m<sup>3</sup>, 250 ppm

**Ingredients with biological limit values:**

Methy Ethyl Ketone (CAS 78-93-3):

BEI 2 mg/L

Medium: urine

Time: end of shift

Parameter: MEK

Acetone (CAS 67-64-1)

BEI 50 mg/l

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Characteristic

**ODOR THRESHOLD:** No data available

**COLOR:** Clear.

**pH:** Not determined

**PERCENT VOLATILE:** No data available

**FLASH POINT AND METHOD:** -8°C (17.6°F)

**FLAMMABLE LIMITS:** 1.8 Vol % to 11.5 Vol%

**AUTOIGNITION TEMPERATURE:** Product is not selfigniting.

**VAPOR PRESSURE:** @ 20 C (68 F) 105 hPa (78.8 mm Hg)

**VAPOR DENSITY:** Heavier than air

**BOILING POINT:** 55.8 - 56.6 C (132.4-133.9 F)

**MELTING POINT:** Undetermined

**POUR POINT:** No data available

**THERMAL DECOMPOSITION:** Not determined

**SOLUBILITY IN WATER:** Not miscible or difficult to mix.

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** No data available

**EVAPORATION RATE:** Slower than (n-Butyl Acetate)

**DENSITY:** 0.941 g/cm<sup>3</sup> (7.85265 lbs/gal)

**SPECIFIC GRAVITY:** 0.941

**VISCOSITY:** No data available

**MOLECULAR WEIGHT:** No data available

**(VOC):** 455 g/L

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No data available

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**HAZARDOUS POLYMERIZATION:** No dangerous reactions known.

**CONDITIONS TO AVOID:** No decomposition if used according to specifications.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No dangerous decomposition products known.

**INCOMPATIBLE MATERIALS:** No further information available.

## 11. TOXICOLOGICAL INFORMATION

**SKIN CORROSION/IRRITATION:** No irritant effect.

**SERIOUS EYE DAMAGE/IRRITATION:** Irritating effect.

**RESPIRATORY OR SKIN SENSITISATION:** Sensitization possible through skin contact.

### CARCINOGENICITY

**IARC:** None of the ingredients are listed.

**NTP:** None of the ingredients are listed.

**OSHA:** No ingredient 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:** Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

**BIOACCUMULATION/ACCUMULATION:** No further relevant information available.

**AQUATIC TOXICITY (ACUTE):** No further relevant information available.

**GENERAL COMMENTS:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in a manner consistent with federal, state, and local regulations.

**PRODUCT DISPOSAL:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

## 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)\*

**COMMENTS:** \* This product may be shipped as EXCEPTED QUANTITIES OF CLASS 3, UN1133 (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

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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:** Methyl Ethyl Ketone (78-93-3)

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

#### REGULATIONS

**STATE REGULATIONS:** New Jersey Right-to-Know: Methyl Ethyl Ketone (CAS 78-93-3), Acetone (CAS 67-64-1).  
 Pennsylvania Right-to-Know: Methyl Ethyl Ketone (CAS 78-93-3), Acetone (CAS 67-64-1).

**CALIFORNIA PROPOSITION 65:** None of the ingredients are listed.

**CARCINOGEN:** Environmental Protection Agency (EPA)

78-93-3 Methyl Ethyl Ketone - I

67-64-1 Acetone - I

Threshold Limit Value established by ACGIH

67-64-1 Acetone - A4

## 16. OTHER INFORMATION

**APPROVED BY:** Pacer Technology Regulatory Affairs Department

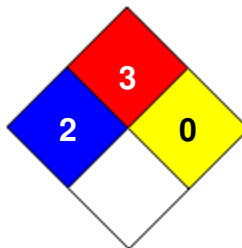
**PREPARED BY:** Pacer Technology Regulatory Affairs Department **Date Revised:** 06/04/2020

**REVISION SUMMARY:** This SDS replaces the 05/03/2018 SDS. Revised: **Section 1:** APPROVED BY, PREPARED BY, PRODUCT CODE. **Section 4:** ADDITIONAL INFORMATION. **Section 5:** FIRE FIGHTING EQUIPMENT, OTHER CONSIDERATIONS. **Section 6:** AIR SPILL, LAND SPILL, RELEASE NOTES, WATER SPILL. **Section 8:** COMMENTS, PERSONAL PROTECTIVE EQUIPMENT - PROTECTIVE CLOTHING. **Section 9:** APPEARANCE, BOILING POINT, FLASH POINT AND METHOD, MELTING POINT, ODOR, pH, SOLUBILITY IN WATER, VAPOR PRESSURE, THERMAL DECOMPOSITION. **Section 10:** CONDITIONS TO AVOID, INCOMPATIBLE MATERIALS, STABILITY. **Section 11:** IARC, NTP, OSHA. **Section 12:** BIOACCUMULATION/ACCUMULATION, AQUATIC TOXICITY (ACUTE). **Section 15:** CARCINOGEN, STATE REGULATIONS, CALIFORNIA PROPOSITION 65.

### HMIS RATING

HEALTH		2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

### NFPA CODES



**HMIS RATINGS NOTES:** Safety glasses and gloves are recommended for usage.

**MANUFACTURER DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However, Pacer Technology does not assume any liability for the accuracy or completeness of the information contained herein. Final

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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.