

SAFETY DATA SHEET



Date Prepared : 12/16/2014

MSDS No : FIX ALL - GHS

Date-Revised : 04/04/2017

Revision No : 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: FIX ALL ADHESIVE

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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Carcinogenicity, Category 2
Specific Target Organ Toxicity (Repeated Exposure), Category 2
Aspiration Hazard, Category 1
Acute Toxicity (Inhalation), Category 4
Skin Irritation, Category 2
Eye Irritation, Category 2A
Skin Sensitization, Category 1
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
markHealth
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.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.

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H335: May cause respiratory irritation.
 H336: May cause drowsiness or dizziness.
 H351: Suspected of causing cancer.
 H373: May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENT(S)**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.
 P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting equipment.
 P242: Use only non-sparking tools.
 P243: Take precautionary measures against static discharge.
 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.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352: IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/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+P364: Take off contaminated clothing and wash it before reuse.
 P363: Wash contaminated clothing before reuse.
 P370: In case of fire: Use for extinction: CO₂, powder or water spray.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
 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
Xylene	25 - 55	1330-20-7

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Naphtha (petroleum), hydrotreated light	< 10 - 35	64742-49-0
Ethylbenzene	< 2.5 - 10	100-41-4
Cumene	≤ 0.1 - 2.5	98-82-8
Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-	< 0.1 - 1.5	2440-22-4

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. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident is recommended.

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 PROCEDURES: Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

SENSITIVE TO STATIC DISCHARGE: None known

SENSITIVITY TO IMPACT: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, carbon dioxide and unknown fumes.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

LARGE SPILL: This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

GENERAL PROCEDURES: Keep unprotected persons away.

SPECIAL PROTECTIVE EQUIPMENT: Mount respiratory protective device. Wear protective equipment.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Ensure good ventilation/exhaustion at the workplace.

HANDLING: Open and handle receptacle with care.

STORAGE: Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition.

STORAGE TEMPERATURE: Ambient room temperature (70F/21C).

ELECTROSTATIC ACCUMULATION HAZARD: Protect against electrostatic charges.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Xylene	OSHA PEL	TWA	100	435
	ACGIH TLV	TWA	100	434
		STEL	150	651
Ethylbenzene	ACGIH TLV	STEL	125	543
	OSHA PEL	TWA	100	435
Cumene	OSHA PEL	TWA	50	245
	ACGIH TLV	TWA	50	246

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: Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.
 Recommended: Full-face NIOSH-approved respirator with organic vapor cartridge.

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

WORK HYGIENIC PRACTICES: Wash thoroughly after handling.

OTHER USE PRECAUTIONS: 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 and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Characteristic

ODOR THRESHOLD: No data available

COLOR: Clear, Colorless liquid

pH: No data available

PERCENT VOLATILE: No data available

FLASHPOINT AND METHOD: 15°C (59°F)

FLAMMABLE LIMITS: 0.9 Vol % to 7.0 Vol %

AUTOIGNITION TEMPERATURE: Product is not selfigniting.

VAPOR PRESSURE: 7 mm Hg

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VAPOR DENSITY: Heavier than air
BOILING POINT: 136°C (277°F)
FREEZING POINT: No data available
MELTING POINT: No data available
POUR POINT: No data available
THERMAL DECOMPOSITION: No data available
SOLUBILITY IN WATER: Not miscible or difficult to mix.
PARTITION COEFFICIENT: N-OCTANOL/WATER: No data available
EVAPORATION RATE: No data available
DENSITY: 7.444 at 20°C (68°F) 0.892
SPECIFIC GRAVITY: 0.89
VISCOSITY: No data available
MOLECULAR WEIGHT: No data available
(VOC): 493.0 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.
INCOMPATIBLE MATERIALS: No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Xylene	4300 mg/kg (rat)	2000 mg/kg (rabbit)	
Ethylbenzene	3500 mg/kg (rat)	17800 mg/kg (rabbit)	
Cumene	> 2000 mg/kg (rat)	10578 mg/kg (rabbit)	8000 ppm per 4 hr (rat)
Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-	10000 mg/kg (rat)		> 590 mg/m ³

NOTES: Inhalation may cause temporary dizziness, headache, possible nausea. Symptoms normally disappear when exposure ceases. Eye/skin contact may cause discomfort by defatting action of solvents.

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

SERIOUS EYE DAMAGE/IRRITATION: Irritating effect.

RESPIRATORY OR SKIN SENSITISATION: Sensitization possible through skin contact.

CARCINOGENICITY

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Chemical Name	NTP Status	IARC Status	OSHA Status
Cumene	Reasonably anticipated to be a human carcinogen.	2B	
Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-	Not listed.	Not listed.	Not listed.

IARC: Xylene (1330-20-7) - Group 3, Ethylbenzene (100-41-4) - Group 2B, Cumene (98-82-8) - Group 2B.

NTP: Cumene (98-82-8) - Group R

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: 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.

BIOACCUMULATION/ACCUMULATION: No data available

AQUATIC TOXICITY (ACUTE): No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal 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 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)

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FIRE: Yes PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Xylene	25 - 50	1330-20-7
Ethylbenzene	< 2.5 - 10	100-41-4
Cumene	≤ 0.1 - 2.5	98-82-8

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Xylene	25 - 50	100
Ethylbenzene	< 2.5 - 10	1,000
Cumene	≤ 0.1 - 2.5	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Xylene	1330-20-7
Naphtha (petroleum), hydrotreated light	64742-49-0
Ethylbenzene	100-41-4
Cumene	98-82-8
Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-	2440-22-4

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

CALIFORNIA PROPOSITION 65: WARNING: This product can expose you to chemicals including, Ethylbenzene which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Chemical Name	Wt.%	Listed
Ethylbenzene	< 2.5 - 10	Cancer
Cumene	≤ 0.1 - 2.5	Cancer

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Department

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

REVISION SUMMARY: This MSDS replaces the 03/16/2015 MSDS. Revised: **Section 1:** APPROVED BY, Date Issued, Date-Revised, PREPARED BY, TITLE. **Section 2:** . **Section 3:** Wt.%. **Section 4:** ACUTE TOXICITY, ADDITIONAL INFORMATION, CHRONIC EFFECTS, EYES, INGESTION, INHALATION, SIGNS AND SYMPTOMS OF OVEREXPOSURE (INGESTION, INHALATION, SKIN, SKIN ABSORPTION), SKIN. **Section 5:** EXPLOSION HAZARDS, EXTINGUISHING MEDIA, FIRE EXPLOSION, FLAMMABLE CLASS, GENERAL HAZARD, HAZARDOUS COMBUSTION PRODUCTS, SENSITIVE TO STATIC DISCHARGE, SENSITIVITY TO IMPACT. **Section 6:** AIR SPILL, GENERAL PROCEDURES, LAND SPILL, SPECIAL PROTECTIVE EQUIPMENT, WATER SPILL. **Section 7:** ELECTROSTATIC ACCUMULATION HAZARD,

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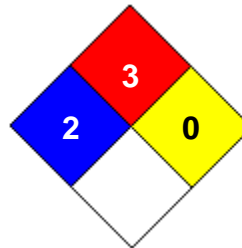
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GENERAL PROCEDURES, HANDLING, LOADING TEMPERATURE, LOADING/UNLOADING VISCOSITY, STORAGE PRESSURE. **Section 8:** ENGINEERING CONTROLS, OTHER USE PRECAUTIONS, PERSONAL PROTECTIVE EQUIPMENT (EYES AND FACE). **Section 9:** APPEARANCE, AUTOIGNITION TEMPERATURE, BOILING POINT, COEFF. OIL/WATER, DENSITY, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, FREEZING POINT, MELTING POINT, MOLECULAR WEIGHT, ODOR, ODOR THRESHOLD, PERCENT VOLATILE, pH, PHYSICAL STATE, POUR POINT, SOLUBILITY IN WATER, SPECIFIC GRAVITY, VAPOR DENSITY, VAPOR PRESSURE, VISCOSITY, (VOC), THERMAL DECOMPOSITION, . **Section 10:** COMMENTS, CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, HAZARDOUS POLYMERIZATION, INCOMPATIBLE MATERIALS, STABILITY, STABLE, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 11:** ACUTE (DERMAL LD₅₀ (rabbit), SKIN ABSORPTION, ORAL LD₅₀ (rat)), IARC, NTP, OSHA, GERM CELL MUTAGENICITY, REPRODUCTIVE TOXICITY, , STOT-SINGLE EXPOSURE, , SKIN CORROSION/IRRITATION. **Section 12:** DISTRIBUTION, ECOTOXICOLOGICAL INFORMATION, ENVIRONMENTAL DATA, BIOACCUMULATION/ACCUMULATION, AQUATIC TOXICITY (ACUTE). **Section 13:** DISPOSAL METHOD, EMPTY CONTAINER, PRODUCT DISPOSAL. **Section 14:** AIR (ICAO/IATA) - SHIPPING NAME COMMENTS, DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME VESSEL (IMO/IMDG) - SHIPPING NAME. **Section 15:** 313 REPORTABLE INGREDIENTS, CALIFORNIA PROPOSITION 65, WHMIS CLASS. **Section 16:** HMIS RATING (CHRONIC).

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

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 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.