

SAFETY DATA SHEET



Date Prepared : 05/26/2015
MSDS No : 11710136_15298
Date-Revised : 09/19/2017
Revision No : 10

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: PERMANENT PATCH (12)

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:

Skin Irritation, Category 2
Eye Irritation, Category 2
Target Organ Toxicity - Single Exposure (Respiratory), Category 3

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.



Health
hazard



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash skin and hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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Response:

P302+352: IF ON SKIN: Wash with plenty of soap and water.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position 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.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362: Take off contaminated clothing.

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
Glass reinforced polyester	> 90	
Styrene	< 10	100-42-5

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.
SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
INGESTION: Do Not induce vomiting. Contact physician at once.
INHALATION: Remove to fresh air. Get medical attention if breathing is difficult.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.
SKIN: Contact causes skin irritation.
SKIN ABSORPTION: None known
INGESTION: Do not induce vomiting. Get immediate medical attention and show container label.
INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.
ACUTE EFFECTS: Slightly irritating to eyes and respiratory tracts.
CHRONIC EFFECTS: Prolonged or excessive inhalation may cause respiratory tract irritation.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide.
HAZARDOUS COMBUSTION PRODUCTS: Can burn in fire, releasing irritating vapors
FIRE FIGHTING PROCEDURES: Standard procedures for chemical fires. Burning produces irritant fumes.
FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: None Expected.

LARGE SPILL: None Expected.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: None known

LAND SPILL: None known

AIR SPILL: None known

GENERAL PROCEDURES: Dispose of following all Local Authority requirements for disposal.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use only in a well ventilated area.

HANDLING: Avoid direct contact with eyes and prolonged contact with skin. Wash hands with soap and water after use.

STORAGE: Store in a cool place in original container and protect from sunlight and other UV sources.

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

LOADING TEMPERATURE: Not Determined

LOADING/UNLOADING VISCOSITY: Not Applicable

STORAGE PRESSURE: Not Determined

ELECTROSTATIC ACCUMULATION HAZARD: None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Styrene	OSHA PEL	TWA	100 ppm	420 mg/m ³
		STEL	200 ppm	Not Applicable.
	ACGIH TLV	TWA	20 ppm	85 mg/m ³
		STEL	40 ppm	170 mg/kg

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid contact with eyes.

SKIN: Wear rubber gloves to avoid prolonged skin contact.

RESPIRATORY: If ventilation is not adequate, wear NIOSH approved respiratory protection.

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PROTECTIVE CLOTHING: Wear suitable protective clothing and gloves.

WORK HYGIENIC PRACTICES: Avoid contact with skin and eyes. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Yellow paste on fiberglass sheet with strong odor.

ODOR: Strong stringent odor

ODOR THRESHOLD: No data available

APPEARANCE: No data available

COLOR: No data available

pH: ~ 7pH 50 g in 1L water at 20C

PERCENT VOLATILE: No data available

FLASHPOINT AND METHOD: 125°C (257°F) CC - Closed Cup

FLAMMABLE LIMITS: None known

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

BOILING POINT: No data available

FREEZING POINT: No data available

MELTING POINT: No data available

POUR POINT: No data available

THERMAL DECOMPOSITION: No data available

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE: No data available

DENSITY: No data available

SPECIFIC GRAVITY: No data available

VISCOSITY: No data available

MOLECULAR WEIGHT: No data available

(VOC): 1.5 %

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable

CONDITIONS TO AVOID: Avoid exposure to oxidizing agents or UV light.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, dioxide.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

COMMENTS: REACTIVITY: Product may react if exposed to oxidizing agents or UV light.

11. TOXICOLOGICAL INFORMATION

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ACUTE TOXICITY

NOTES: Irritating to eyes, respiratory system and skin.

SKIN CORROSION/IRRITATION: No data available

SERIOUS EYE DAMAGE/IRRITATION: May cause eye irritation, skin irritation and irritation of respiratory tract.

CARCINOGENICITY

IARC: Styrene = Group 2B Carcinogen.

NTP: Reasonably anticipated to be a carcinogen.

OSHA: Not listed.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Do not let product enter drains. Expose product to sunlight to cure to solid state for disposal.

ECOTOXICOLOGICAL INFORMATION: No data available

BIOACCUMULATION/ACCUMULATION: No data available

AQUATIC TOXICITY (ACUTE): No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

PRODUCT DISPOSAL: Dispose of in accordance with local, State, and Federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: NOT APPLICABLE

AIR (ICAO/IATA)

SHIPPING NAME: NOT APPLICABLE

VESSEL (IMO/IMDG)

SHIPPING NAME: NOT APPLICABLE

COMMENTS: 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)

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

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EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Styrene	< 10	100-42-5

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Styrene	< 10	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Glass reinforced polyester	
Styrene	100-42-5

TSCA STATUS: All components are listed on or are exempt from listing on the Toxic Substances Control Act.

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

Chemical Name	Wt. %	Listed
Styrene	< 10	Cancer

GENERAL COMMENTS: Massachusetts Right To Know Components: Styrene (CAS 100-42-5). Pennsylvania Right To Know Components: Styrene (CAS 100-42-5). New Jersey Right To Know Components: Styrene (CAS 100-42-5).

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Department

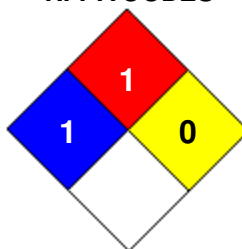
PREPARED BY: Pacer Technology Regulatory Department **Date-Revised:** 09/19/2017

REVISION SUMMARY: This MSDS replaces the 07/21/2016 MSDS. Revised: **Section 1:** MSDS No. **Section 2:** . **Section 14:** AIR (ICAO/IATA) - SHIPPING NAME COMMENTS, DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME ROAD AND RAIL (ADR/RID) - PROPER SHIPPING NAME SHIPPING NAME, VESSEL (IMO/IMDG) - SHIPPING NAME. **Section 15:** CALIFORNIA PROPOSITION 65.

HMIS RATING

HEALTH	*	1
FLAMMABILITY		1
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 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

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hazards are described herein, we cannot guarantee that these are the only hazards which exist.