

W10423, Mar 2014

MATERIAL SAFETY DATA SHEET

Date Issued: 03/28/2012
MSDS No: PX50 - GHS

1. PRODUCT AND COMPANY IDENTIFICATION**PRODUCT DESCRIPTION:** PX50 adhesive**MANUFACTURER**

Pacer Technology - 2012
9420 Santa Anita Ave.
Rancho Cucamonga, CA 91730
Emergency Contact: Mary Robles
E-Mail: maryr@pacertechnology.com
Service Number: 909-987-0550

2. HAZARDS IDENTIFICATION**HAZARD DESIGNATION**

"Xi" - Irritant

GHS CLASSIFICATIONS**Health**

Eye Irritation, Category 2

GHS LABEL

Exclamation mark

WARNING

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

PRECAUTIONARY STATEMENT(S)**Prevention:**

Use only outdoors or in a well-ventilated area.P271:
Avoid breathing dust/fume/gas/mist/vapours/spray.P261:
Wear protective gloves/protective clothing/eye protection/face protection.P280:

Response:

IF IN EYES: Rinse cautiously with water for several minuts. Remove contact lenses, if present and easy to do. Continue rinsing.P305+P351+P338:
Get medical advice/attention.P313:
IF ON SKIN: Wash with plenty of soap and water.P302+P352:
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.P304+P340:
Call a POISON CENTER or doctor/physician if you feel unwell.P312:
If skin irritation occurs: Get medical advice/attention.P332+P313:
Take off contaminated clothing and wash before reuse.P362:

Storage:

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

Disposal:

Dispose of in a manner consistent with federal, state, and local regulations.7944L5O1:



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EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, Colorless liquid

IMMEDIATE CONCERNS: R36/37/38: Irritating to eyes, respiratory system and skin.

POTENTIAL HEALTH EFFECTS

EYES: R36: Irritating to eyes.

SKIN: May cause skin irritation. Allergic reactions are possible.

INGESTION: Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

INHALATION: R37: Irritating to respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.

SKIN: Substance causes moderate skin irritation.

SKIN ABSORPTION: Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

INGESTION: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

ACUTE TOXICITY: Avoid exposure to vapor concentration in confined areas.

CHRONIC EFFECTS: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

MEDICAL CONDITIONS AGGRAVATED: Not a likely route of exposure.

ROUTES OF ENTRY: Inhalation & ingestion are major routes of entry.

CANCER STATEMENT: Not Applicable.

IRRITANCY: Irritating to eyes, respiratory system and skin.

SENSITIZATION: May cause allergic skin reaction.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS	Classification
ETHYL-2-CYANOACRYLATE	80 - 100	7085-85-0	230-391-5	Xi; R36/37/38

(Full text of R-Phrases can be found under heading 16)

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash with soap and water. Peel or roll skin apart.

INGESTION: Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Avoid swallowing solid adhesive after detachment. Not a toxic product.

INHALATION: Remove to fresh air. Prolonged or repeated elevated exposure may cause allergic reactions with asthma-like symptoms in sensitive individuals.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 85 °C (185°F) CC - Closed Cup

GENERAL HAZARD: Combustible liquid and vapor. Product polymerized to solid by water.

EXTINGUISHING MEDIA: Use dry chemical extinguisher or flush with large amounts of water.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible by-products of carbon monoxide/dioxide.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Polymerize with water. Solid material may be scraped from surface.

LARGE SPILL: Polymerize with water. Increase ventilation to area. Solid material may be scraped from surface.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: None known.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes, skin and clothing.

HANDLING: Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes and clothing. Keep container closed when not in use.

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

STORAGE TEMPERATURE: Ideal storage: 41-50F (5-10C)

SHELF LIFE: One year from the date of shipment from Pacer Technology, except for Pacer No-Odor product whose shelf life is 6 months, only.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only in a well ventilated area. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid contact with clothing as contact can cause burn.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Characteristic odor, intensely irritating.

APPEARANCE: Transparent, colorless liquid.

PERCENT VOLATILE: <20g/L

VAPOR PRESSURE: 1mm Hg @ 20C

VAPOR DENSITY: Not Established

BOILING POINT: 185°C (365 °F)

FLASHPOINT AND METHOD: 85 °C (185°F) CC - Closed Cup

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Established

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SPECIFIC GRAVITY: 1.060

VISCOSITY #1: 30 to 70 Centipoise at 22 °C (72 °F)

(VOC): < 20.000 g/L

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Avoid temperatures above 176° F (80° C), moisture and alkalines.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition. Oxides of nitrogen and probably hydrogen cyanide are also possible.

INCOMPATIBLE MATERIALS: Polymerized by water, alcohol, amines, alkaline materials and direct UV.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 2000 mg/kg

Notes: (Estimated)

ORAL LD₅₀: > 5000 mg/kg

Notes: (Estimated)

INHALATION LC₅₀: Vapors may be irritating. Recommended TWA 0.2ppm.

EYE EFFECTS: Bonds skin and eyes in seconds. Eye irritant.

SKIN EFFECTS: Irritating to skin. May cause allergic skin reaction with prolonged contact.

SENSITIZATION: Possible skin sensitizer.

12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: None known.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Polymerize with water to a solid material. Dispose of as solid waste or trash in accordance with local government regulations of the region.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not restricted

AIR (ICAO/IATA)

SHIPPING NAME: Not restricted

VESSEL (IMO/IMDG)

SHIPPING NAME: Not restricted

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not restricted



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15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
ETHYL-2-CYANOACRYLATE	7085-85-0

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

CALIFORNIA PROPOSITION 65: Not Applicable.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Combustible Liquid



Toxic

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant

16. OTHER INFORMATION

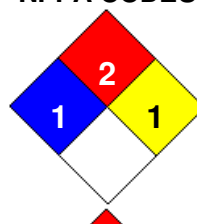
RELEVANT R-PHRASES: R36/37/38: Irritating to eyes, respiratory system and skin.

APPROVED BY: Mary Robles **TITLE:** Regulatory Affairs Manager

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	2
PHYSICAL HAZARD	<input type="checkbox"/>	1
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



MANUFACTURER DISCLAIMER:

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