

SAFETY DATA SHEET



Date Prepared : 05/27/2015

MSDS No :

Date-Revised : 05/28/2015

Revision No : 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION:

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

CANUTEC (Canadian Transportation) : (613) 996 - 6666

CHEMTREC (US Transportation) : (800) 424 - 9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2

Eye Irritation, Category 2

Respiratory Tract Irritation, Category 3

GHS LABEL ELEMENTS



Gas cylinder

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H229: Pressurized container: may burst if heated.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P362: Take off contaminated clothing.

Response:

P302+352: IF ON SKIN: Wash with plenty of soap and water.

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.

P332+P313: If skin irritation occurs: Get medical advice/attention.

Storage:

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P102: Keep out of reach of children.

P233: Keep container tightly closed.

Disposal:

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

EMERGENCY OVERVIEW**PHYSICAL APPEARANCE:** Clear paste**IMMEDIATE CONCERNS:** Eyes, skin: Direct contact may cause moderate irritation.**POTENTIAL HEALTH EFFECTS****EYES:** Direct contact may cause moderate irritation.**SKIN:** Direct contact may cause moderate irritation.**INGESTION:** Poses little or no immediate hazard.**INHALATION:** Low hazard for usual industrial or commercial handling.**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Dimethyl siloxane, hydroxy-terminated	70 - 90	70131-67-8
Silica, amorphous	7 - 13	7631-86-9
Hydrotreated middle petroleum distillates	< 6.9	64742-46-7
Methyltriacetoxysilane	1 - 5	4253-34-3
Ethyltriacetoxysilane	1 - 5	17689-77-9

4. FIRST AID MEASURES**EYES:** If exposed to fumes or vapors, flush eyes with large amount of water for at least 15 minutes.**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.**INGESTION:** If irritation or discomfort occur, obtain medical advice.**INHALATION:** Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor is generated, care should be taken to prevent inhalation. In case of exposure to vapor, move to fresh air.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Direct contact may cause mild irritation.**SKIN:** May cause slight irritation.**SKIN ABSORPTION:** This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.**INGESTION:** Low ingestion hazard in normal use.**INHALATION:** Not considered to be an inhalation hazard at ambient conditions. If material is heated or high vapor concentration is attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of coordination.**ACUTE EFFECTS:** May cause slight irritation.**CHRONIC EFFECTS:** This material is a water pollutant and should be prevented from contaminating soil or from entering

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sewage and drainage systems and bodies of water.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Flammable

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

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

EXPLOSION HAZARDS: None known

FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus. Water may be unsuitable as an extinguishing medium, but is helpful in keeping adjacent containers cool.

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

FIRE EXPLOSION: None known

SENSITIVE TO STATIC DISCHARGE: None known

SENSITIVITY TO IMPACT: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products - carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Use personal protective equipment. Deny access to unprotected persons. Do not flush into surface water or sanitary system. If the product contaminates rivers and lakes or drains, inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

LARGE SPILL: Scrape up and contain for disposal. Spilled material may present a slip hazard. Final cleaning may require steam, solvents or detergents; absorb and dispose of properly.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

LAND SPILL: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

AIR SPILL: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

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

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not sand after cure.

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

STORAGE: Suggested storage conditions: Less than 90F/32C.

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

LOADING TEMPERATURE: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

LOADING/UNLOADING VISCOSITY: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

STORAGE PRESSURE: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Observe limits for acetic acid, formed during cure with exposure to water or moisture. OSHA PEL: TWA 10 ppm, ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

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: Vinyl or rubber gloves.

RESPIRATORY: Use only in a well ventilated area.

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

WORK HYGIENIC PRACTICES: Wash with soap and water. Get medical attention if irritation develops or persists.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR: Acetic acid.

ODOR THRESHOLD: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

APPEARANCE:

COLOR:

pH: No data available

PERCENT VOLATILE: No data available

FLASHPOINT AND METHOD: > 100°C (212°F) COC (Cleveland Open Cup)

FLAMMABLE LIMITS: No data available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

BOILING POINT: No data available

FREEZING POINT: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

MELTING POINT: No data available

POUR POINT: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

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THERMAL DECOMPOSITION: No data available
SOLUBILITY IN WATER: No data available
PARTITION COEFFICIENT: N-OCTANOL/WATER: No data available
EVAPORATION RATE: No data available
DENSITY: No data available
SPECIFIC GRAVITY: 1.007 g/L at 25 °C (77°F)
VISCOSITY: No data available
MOLECULAR WEIGHT: No data available
(VOC): 31.000 g/L

10. STABILITY AND REACTIVITY

REACTIVITY: Yes
HAZARDOUS POLYMERIZATION: No
STABILITY: Stable
CONDITIONS TO AVOID: Avoid exposure to air and moisture prior to use.
POSSIBILITY OF HAZARDOUS REACTIONS: REACTIVITY: Product may react with exposure to Incompatible materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Silicon Dioxide, Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.
INCOMPATIBLE MATERIALS: Avoid strong oxidizing agents, water, moisture or humid air.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

SKIN ABSORPTION: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

ORAL LD₅₀: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

INHALATION LC₅₀: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

EYE EFFECTS: May be mildly irritating to eyes.

SKIN EFFECTS: No health effects expected. If irritation does occur flush with water for 5 minutes. If irritation persists, obtain medical advice.

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

CARCINOGENICITY

IARC: None known

NTP: None known

OSHA: None known

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

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

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

NEUROTOXICITY: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

GENETIC EFFECTS: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

REPRODUCTIVE EFFECTS: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

TARGET ORGANS: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

TERATOGENIC EFFECTS: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

MUTAGENICITY: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

ECOTOXICOLOGICAL INFORMATION: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

BIOACCUMULATION/ACCUMULATION: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

AQUATIC TOXICITY (ACUTE): Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of following all Local Authority requirements for disposal.

PRODUCT DISPOSAL: Dispose of following all Local Authority requirements for disposal.

EMPTY CONTAINER: Dispose of following all Local Authority requirements for disposal.

RCRA/EPA WASTE INFORMATION: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1950, AEROSOLS, 2.1, LTD. QTY.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: UN1950, AEROSOLS, 2.1, LTD. QTY.

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AIR (ICAO/IATA)

SHIPPING NAME: ID8000, CONSUMER COMMODITY, 9 (NO MORE THAN 30 kg)

VESSEL (IMO/IMDG)

SHIPPING NAME: UN1950, AEROSOLS, 2.1, LTD. QTY.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not restricted

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not Applicable.

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

313 REPORTABLE INGREDIENTS: Not Applicable.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None known

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Dimethyl siloxane, hydroxy-terminated	70131-67-8
Silica, amorphous	7631-86-9
Hydrotreated middle petroleum distillates	64742-46-7
Methyltriacetoxysilane	4253-34-3
Ethyltriacetoxysilane	17689-77-9

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

CALIFORNIA PROPOSITION 65: No California Proposition 65 ingredients are known to be in this product.

CANADA

WHMIS CLASS: Not hazardous.

16. OTHER INFORMATION

APPROVED BY: Samantha Stouffer TITLE: Quality and Safety Manager

Date-Revised: 05/28/2015

REVISION SUMMARY: This MSDS replaces the 05/27/2015 MSDS. Revised: Section 2: .

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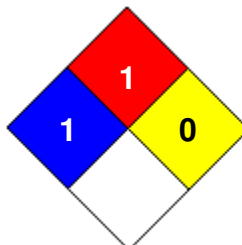
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HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



MANUFACTURER DISCLAIMER:

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