

PACER TECHNOLOGY -- E-100 (ADHESIVE) -- 8040-01-197-2993

===== Product Identification =====

Product ID:E-100 (ADHESIVE)

MSDS Date:01/02/1991

FSC:8040

NIIN:01-197-2993

MSDS Number: BVVDF

=== Responsible Party ===

Company Name:PACER TECHNOLOGY

Address:9420 SANTA ANITA AVENUE

City:RANCHO CUCAMONGA

State:CA

ZIP:91730

Country:US

Info Phone Num:714-987-0550

Emergency Phone Num:800-424-9300

CAGE:62530

=

== Contractor Identification ==

Company Name:PACER TECHNOLOGY

Address:9420 SANTA ANITA AVENUE

Box:City:RANCHO CUCAMONGA

State:CA

ZIP:91730

Country:US

Phone:909-987-0550

CAGE:62530

===== Composition/Information on Ingredients =====

Ingred Name:ETHYL CYANOACRYLATE

CAS:7085-85-0

Fraction by Wt: 60-100%

Other REC Limits:2-5 PPM

Ingred Name:POLYMETHYLMETHACRYLATE

CAS:9011-14-7

RTECS #:TR0400000

Fraction by Wt: 10-30%

Ingred Name:HYDROQUINONE (SARA III)

CAS:123-31-9

RTECS #:MX3

500000
Fraction by Wt: 0-1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

=====
===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RATS LD50 = 12.2 CC/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATES EYES, MUCOUS
MEMBRANES. CHRONIC:NO RESIDUAL EFFECTS OF ACUTE PROPERTIES.
Explanation
of Carcinogenicity:MANUFACTURER GAVE NO COMMENTS OTHER THAN
THE ABOVE REFERENCES TO THE THREE LISTINGS.
Effects of Overexposure:TEARING FROM EYE IRRITATION AND MUCOUS
MEMBRANES WITH SOME COUGHING.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, EYE &
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

=====
===== First Aid Measures =====

First Aid:REMOVE TO FRESH AIR. FLUSH AREAS OF CONTACT WITH WATER. WIPE
AWAY LIQUID ADHESIVE WHERE POS
SIBLE WITH RESIDUALS BEING REJECTED
BY SOAKING IN WATER.

=====
===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:176F,80C
Lower Limits:NE
Upper Limits:NE
Extinguishing Media:FLUSH W/LARGE AMOUNTS OF WATER OR DRY CHEMICAL
EXTINGUISHER.
Fire Fighting Procedures:FUMES MAY BE IRRITATING IF NOT BURNING &
REQUIRE AIR SUPPLY SYSTEM W/GOGGLES WHILE APPLYING LARGE AMOUNTS OF
WATER OR DRY CHEMICAL.
Unusual Fire/Explosion Hazard:NONE. COMBUS

TABLE REQUIRING THE ABOVE
PROCEDURES.

===== Accidental Release Measures =====

Spill Release Procedures:POLYMERIZE WITH WATER. SOLID MATERIAL MAY BE
SCRAPED FROM SURFACE. AVOID OVER EXPOSURE TO FUMES W/LARGE SPILLS &
POOR VENTILATION.

Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON MSDS. HMIS:WATER

===== Handling and Storage =====

Handling and Storage Precautions:AVOID MOISTURE, DIRECT UV-SUNLIGHT &
DO NOT STORE

ABOVE 25C (77F). KEEP CONTAINERS CLOSED TIGHTLY WHEN
NOT IN USE. IDEAL STORAGE IS AT 5-10C (41-50F).

Other Precautions:AVOID BREATHING VAPOR, CONTACT W/EYES & SKIN. DON'T
STORE AT -5C WHICH FREEZES PRODUCT TO USELESS STATE. PRODUCT NOT
DAMAGED BY FREEZING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NORMALLY NOT NECESSARY, A NIOSH APPROVED ORGANIC
VAPOR CANISTER MAY BE USED.

Ventilation:MECHANICAL:LARGE QUANTITIES USED TO 2 PPM. L
OCAL

EXHAUST:TO ELIMINATE EYE IRRITATION.

Protective Gloves:VINYL (POLYETHYLENE) NON-STICKING

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:NOT NORMALLY USED, HOWEVER, APRON PROTECTS
CLOTHING FROM HARDENED GLUE.

Work Hygienic Practices:SOAP & WATER HELPS REMOVE ADHESIVE FROM SKIN.

HMIS:USE GOOD CHEMICAL HYGIENE, AVOID ALL UNNECESSARY CONTACT.

Supplemental Safety and Health

MSDS ENTERED INTO THE HMIS BY DGSC AT REQUEST OF GSA.

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:149F,65C

Melt/Freeze Pt:M.P/F.P Text:NE

Vapor Pres:1 MM

Vapor Density:NIL

Spec Gravity:1.05

Evaporation Rate & Reference:NIL

Solubility in Water:INSOLUBLE-REACTS

Appearance and Odor:TRANSPARENT WATER-WHITE TO STRAW COLORED LIQUID W/
STIMULATIVE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
POLYMERIZED BY WATER, ALCOHOL, AMINES

, ALKALINE MATERIALS & DIRECT UV.

Stability Condition to Avoid: EXCESSIVE HEAT ABOVE 176, MOISTURE AND ALKALINES

Hazardous Decomposition Products: TYPICAL COMBUSTIBLE BY-PRODUCTS OF CARBON MONOXIDE AND DIOXIDE

Conditions to Avoid Polymerization: STORE IN A COOL PLACE FOR BEST PROPERTIES AND SHELF LIFE.

===== Disposal Considerations =====

Waste Disposal Methods: INCINERATE SOLID COMBUSTIBLE WASTE OR DUMP AS CHEMICAL WASTE ACCORDING TO LOCAL, STATE & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their

particular situation.