ITEM: 1FBC6 - Epoxy Adhesive Lite Yellow 1 oz 3
ORDER: 0044610099  LP NUMBER: U440971981
MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

--- SECTION 1 - IDENTIFICATION ---

PACER TECHNOLOGY
9420 SANTA ANITA AVENUE
RANCHO CUCAMONGA, CA 91730

FOR CHEMICAL EMERGENCY ONLY:
IN THE US & CANADA: (800) 424-9300
INTL & WASH DC (COLLECT): (703) 527-3887
TELEPHONE FOR INFORMATION: (909) 987-0550

PRODUCT IDENTIFICATION:
QUICK SETTING EPOXY ADHESIVE - PART A: RESIN

HASARD RATING:
1 2 3

--- SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION ---

HAZARDOUS COMPONENTS
OSHA REL;
ACID TLV;
OTHER LIMITS % OPTION

BISPhENol A/Epichlorhydrin
NE
NE
90-100%

BASED EPOXY RESIN
(25068-38-6)

* THIS PRODUCT IS AN EPOXY RESIN PRODUCED BY THE CONDENSATION REACTION OF EPOXYCHLOROHYDRIN AND BISPHENOL A. THESE RAW MATERIALS ARE CONSUMED IN THE PROCESS. REMAINING LEVELS OF EPOXYCHLOROHYDRIN ARE CONTROLLED TO 15PPM, MAX., IN THE PRODUCT.

--- SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS ---

BOILING POINT: >500 F
SPECIFIC GRAVITY (H2O=1): 1.16
VAPOUR DENSITY (AIR=1): NA
MELTING POINT: NE
VAPOR PRESSURE (MMhg): 0.03 @ 77F
EVAPORATION RATE (BUTYL ACETATE = 1): NA
VOC: THIS PRODUCT IS VOC COMPLIANT FOR SALE IN CALIFORNIA.
SOLUBILITY IN WATER: NEGLIGIBLE.
APPEARANCE & ODOR: LIGHT YELLOW COLORED VISCOUS LIQUID.

--- SECTION 4 - FIRE AND EXPLOSION HAZARD DATA ---

FLASH POINT (METHOD USED): 460 F (FMOC)
FLAMMABLE LIMITS:
LEL: NE
UEL: NE

EXTINGUISHING MEDIA: WATER FOAM, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES:
MATERIAL WILL NOT BURN UNLESS PREPARED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET/SPACE SHIELD, BUNKER COAT, GLOVES & RUBBER BOOTS). USE POSITIVE PRESSURE MASK APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
HEATING OF RESIN ABOVE 300 F IN PRESENCE OF AIR MAY CAUSE SLOW OXIDATIVE DECOMPOSITION. ABOVE 500 F POLYMERIZATION MAY OCCUR. USE CARTING DEVICES. E.G., ALIPHATIC AMINES CAN PRODUCE EXOTHERMIC REACTIONS WHICH IN LARGE QUANTITIES CAN CAUSE RADIANT POLYMERIZATION. CHANGING OF REACTANTS, FUMES AND VAPORS FROM THESE THERMAL AND CHEMICAL DISCOMPOSITIONS VARY WIDELY IN COMPOSITION/TOXICITY. DO NOT BREATHE FUMES. UNIDENTIFIED FUMES & VAPORS MAY BE TOXIC.

--- SECTION 5 - REACTIVITY DATA ---

STABILITY:
UNSTABLE (XX)
STABLE (XX)

CONDITIONS TO AVOID: KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

INCOMPATIBILITY (MATERIALS TO AVOID):
STRONG OXIDIZING AGENTS, STRONG ACIDS OR MINERAL ACIDS. STRONG MINERAL & ORGANIC BASES, E.G., PRIMARY & SECONDARY ALIPHATIC AMINES.

HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON MONOXIDE, ALKALIJNES, ACIDS & OTHER ORGANIC SUBSTANCES MAY BE FORMED DURING COMBUSTION (>500 F) TEMPERATURE DEGRADATION.

--- SECTION 6 - HEALTH HAZARD DATA ---

HAZARDOUS POLLUTATION:
MAY OCCUR
MAY NOT OCCUR (XX) (AVOID HEATING >300 F).

ROUTE(S) OF ENTRY:
INHALATION: YES
SKIN: YES
INGESTION: YES

HEALTH HAZARDS (ACUTE AND CHRONIC):
PRODUCT MODERATELY IRITATING TO EYES, SKIN; CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES CAN RESULT IN THERMAL BURNS. MAY CAUSE SKIN SENSITIZATION; LOW ORDER OF ACUTE ORAL TOXICITY NOTED; UNLIKELY TO BE INHALATION HAZARD DUE TO LOW VOLATILITY.

CANCER HAZARD:
NTP: NO
IARC MONographs: NO
OSHA REGULATED: NO

SIGNS AND SYMPTOMS OF EXPOSURE & FIRST AID PROCEDURES:

EYE CONTACT:
IRRITATION:
FLUSH EYES WITH CUPFULS OF WATER FOR 15 MIN. WHILE HOLDING EYES OPEN. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT:
IRRITATION:

REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP/WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. (CONTAMINATED LEATHER ARTICLES, I.E., SHOES, SHOULD BE DISPOSED OF AS CONTAMINATED WASTE).

NOTE: NOT PRODUCT BURNS REQUIRE IMMEDIATE MEDICAL ATTENTION.

INGESTION:
DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT UNLESS LARGE AMOUNT IS INGESTED; HOWEVER, GET MEDICAL ADVICE.

NOTE TO PHYSICIAN:
RESPONSE INGESTION IS NORMAL NOT NECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, E.G., NEAT EPOXY RESINS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
PRE-EXISTING EYE/SKIN DISORDERS OR LUNG ALLERGIES.

--- SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE ---

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
PRODUCT MAY BURN ALTHOUGH NOT EASILY VOLATILE. USE CAUTION WHEN CLEANING UP LARGE SPILLS. RESPIRATOR AND PROTECTIVE EQUIPMENT AS APPROPRIATE. RINSE AND CONTAIN MATERIAL. SOAK UP RESIDUES WITH ABSORBENT (CLAY, SAND) MATERIALS AND DISPOSE OF PROPERLY.

WASTE DISPOSAL METHOD:
IF PRODUCT BECOMES WASTE, NOT CONSIDERED HAZARDOUS WASTE BY ROCA CRITERIA (40 CPR 261). DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
STORE IN COOL, DRY PLACE AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

OTHER PRECAUTIONS:
EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES AND SHOULD BE DISPOSED OF PROPERLY.

--- SECTION 8 - CONTROL MEASURES ---

RESPIRATORY PROTECTION (SPECIFY TYPE):
ORGANIC VAPOR RESPIRATOR IN AREAS WITH POOR VENTILATION.

VENTILATION:
LOCAL EXHAUST: GOOD
MECHANICAL (GENERAL): AS NEEDED.

PROTECTIVE CLOTHING OR EQUIPMENT:
SAFETY GLASSES/OCULLES WITH SIDE SHIELDS, CHEMICALLY RESISTANT GLOVES AND OTHER PROTECTIVE EQUIPMENT TO AVOID DIRECT CONTACT.

WORK/HYGIENIC PRACTICES:
APOSE CONTACT WITH EYES OR SKIN. USE IN WELL VENTILATED AREA. WASH HANDS WITH SOAP AND WATER AFTER PRODUCT USE. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE AND DISPOSE OF LEATHER ARTICLES AS CONTAMINATED WASTE.

--- SECTION 9 - OTHER ---

SHIPPING: NON-FLAMMABLE - FOR DEPARTMENT OF TRANSPORTATION, DOT, PURPOSES.

TSCA:
ALL INGREDIENTS IN THIS PRODUCT ARE LISTED AND COMPLY WITH TSCA REQUIREMENTS.

CALIFORNIA PROPOSITION 65: NO KNOWN INGREDIENTS IN THIS PRODUCT.

NA = NOT APPLICABLE
NE = NOT ESTABLISHED

THE DATA CONTAINED HEREIN IS BASED UPON INFORMATION THAT PACER TECHNOLOGY RELATES TO BE RELIABLE. USES OF THIS PRODUCT HAVE THE RESPONSIBILITY TO DETERMINE THE SUITABILITY OF USE AND TO ADOPT ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY AND PROTECTION OF PROPERTY AND PERSONS INVOLVED IN SAID USE. ALL STATEMENTS OR RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED.
IMPLIED, REGARDING ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH
THE USE OF THE MATERIAL OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.