

**FOR CHEMICAL EMERGENCY
DURING TRANSPORTATION ONLY**

Call INFOTRAC

1-800-535-5053

24 Hrs. per day, 7 days per week

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MATERIAL SAFETY DATA SHEET

ABBREVIATIONS: NA = NOT APPLICABLE
ND = NOT DETERMINED
NE = NOT ESTABLISHED

HEALTH = 2
FLAMMABILITY = 1
REACTIVITY = 1
PERSONAL PROTECTION =

SECTION 1

PRODUCT NAME: F-137 GRAY EPOXY PATCH, PART B PRODUCT TYPE: POLYAMINE

PIONEER MANUFACTURING COMPANY
4529 INDUSTRIAL PARKWAY
CLEVELAND, OHIO 44135
TELEPHONE: (216) 671-5500

EMERGENCY TELEPHONE (800) 535-5053
INFOTRAC

DATE PREPARED: 3/9/93

PREPARED BY: GSS

D.O.T. SHIPPING CLASS: CORROSIVE LIQUID

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SECTION 2 - INGREDIENTS

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CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV	% WT
POLYAMINE RESIN	PROPRIETARY BY MFG.	NE	NE	100

* SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313, 40 CFR 372

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SECTION 3 - PHYSICAL DATA

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BOILING POINT (°F): NA	SPECIFIC GRAVITY: 0.96
VAPOR PRESSURE: NA	MELTING POINT: NA
VAPOR DENSITY: NA	EVAPORATION RATE (BUAC=1): NA
SOLUBILITY IN WATER: 100%	pH: 10+
APPEARANCE/ODOR: STRAW COLORED LIQUID, AMINE ODOR	

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SECTION 4 - FIRE AND EXPLOSION DATA

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FLASH POINT (METHOD USED): >200F, SETA FLAMMABILITY LIMITS: LEL NA UEL NA

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

SPECIAL FIRE FIGHTING PROCEDURES: WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF SMOKE.

UNUSUAL FIRE FIGHTING AND EXPLOSION HAZARDS: NONE KNOWN.

#12167

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: HIGH HEAT
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 INCOMPATIBILITY: STRONG OXIDIZERS, ACIDS, BASES, AND EPOXY RESINS.
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, SMOKE.

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? Y SKIN? Y INGESTION? Y
 HEALTH HAZARDS (ACUTE AND CHRONIC): MAY BE CORROSIVE TO SKIN AND EYES. VAPOR
 MAY BE IRRITATING TO RESPIRATORY TRACT.

CARCINOGENICITY: NTP? N IARC MONOGRAPHS? N OSHA REGULATED? N

SIGNS AND SYMPTOMS OF EXPOSURE: MAY IRRITATE OR CAUSE BURNS ON SKIN OR IN EYES

INHALATION OF VAPORS MAY PRODUCE IRRITATION OF THROAT AND LUNGS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES: IN THE EYES: FLUSH WITH WATER FOR AT LEAST
 15 MINUTES, SEE A DOCTOR. ON SKIN: WASH WITH SOAP AND WATER, SEE A DOCTOR IF
 SKIN IS IRRITATED. IF INHALED: REMOVE PERSON TO FRESH AIR, GET MEDICAL
 ATTENTION. IF SWALLOWED: CALL A DOCTOR OR POISON CONTROL CENTER.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED: CONTAIN SPILL. REMOVE
 FREE LIQUID TO SECURE CONTAINER. ABSORB RESIDUE WITH INERT ABSORBENT. WASH
 SPILL AREA WITH SOAP AND WATER.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE
 AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: AVOID HIGH HEAT. KEEP
 CONTAINER CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: NONE.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: IF REQUIRED, WEAR NIOSH APPROVED RESPIRATOR WITH
 AMINE CARTRIDGE.

VENTILATION: LOCAL EXHAUST AS REQUIRED SPECIAL
 MECHANICAL OTHER

PROTECTIVE GLOVES: IMPERVIOUS GLOVES EYE PROTECTION: CHEMICAL GOGGLES
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: AS REQUIRED TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES: AVOID SKIN CONTACT AND BREATHING OF VAPORS. WASH
 THOROUGHLY AFTER USING PRODUCT.