View NSN Online: https://aerobasegroup.com/nsn/6850-00-782-2740

Product ID:ZL-27A ZYGLO PENETRANT(POST 87-SEE SUPPL) MSDS Date:06/04/1987 FSC:6850 NIIN:00-782-2740 Kit Part:Y **MSDS Number: BFPPF** === Responsible Party === Company Name: MAGNAFLUX CORPORATION Address:7300 W.LAWRENCE AVENUE City:CHICAGO State:IL ZIP:60656-3504 Country:US Info Ph one Num:312-867-8000 Emergency Phone Num:312-867-8000 Preparer's Name: BRUCE C.GRAHAM CAGE:37676 === Contractor Identification === Company Name: ILLINOIS TOOL WORKS INC MAGNAFLUX DIV Address:3624 WEST LAKE AVENUE Box:City:GLENVIEW State:IL ZIP:60025 Country:US Phone:847-657-5300/ CAGE:37676

Ingred Name:DISTILLATES(PETROLEUM),HYDROTREATED MIDDLE CAS:64742-46-7 RTECS #:JN9379645 Fraction by Wt: 10.0%

Ingred Name:KEROSENE CAS:800 8-20-6 RTECS #:OA5500000 Fraction by Wt: 05.0% ACGIH TLV:100MG/CUM

Ingred Name:DISTILLATES(PETROLEUM),CATALYTIC REFORMER FRACTIONATER RESIDUE,LOW BOILING CAS:68477-31-6 Fraction by Wt: 25.0%

Ingred Name:CARBON DIOXIDE CAS:124-38-9 RTECS #:FF6400000 Fraction by Wt: 05.0% OSHA PEL:5000 PPM ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:UNIDENTIFIED COMPONENTS;PER MFR,CONTAINS NO OTHER INGREDIENT IDENTIFIED AS BEING HAZARDOUS IAW INFO IN 29CFR1910.1200 Fraction by Wt: 55.0%

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATES EYES,MILDLY.
Explanation of Carcinogenicity:PER MFR,CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS.
Effects of Overexposure:INHALATION:SPRAY MIST MAY IRRITATE TO BREATHING PASSAGES; EYES:LIQUID CONTACT MAY CAUSE IRRITATION; SKIN:SOLVENT IN THE PRODUCT MAY IRRITATE SKIN; INGESTION:MAY CAUSE GASTRIC UPSET.

Medical Cond Aggravated by Exp osure:NOT STATED BY MANUFACTURER.

First Aid:INHALATION:REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:REMOVE CONTAMINATED CLOTHES.WASH OFF WITH FLOWING WATER.USE SOOTHING LOTION.IF IRRITATION PERSISTS,GET MEDICAL ATTN; EYES:IMM EDIATELY RINSE/FLUSH WITH COPIOUS AMOUNTOF RUNNING WATER,AND GET MEDICAL ATTENTION; INGESTION:DO NOT INDUCE VOMITING.GET MEDICAL ATTENTION IMMEDIATELY.

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Flash Point:NONE(AEROSOL CN)

Extinguishing Media:CARBON DIOXIDE,FOAM

Fire Fighting Procedures: KEEP CONTAINERS COOL WITH WATER SPRAY. DO NOT SPRAY WATER ON BURNING ZL-27A.

Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTION,MAY EMIT TOXIC GASES AT OR ABOVE DECOMPOSITION TEMPERATURE.AEROSOL CANS MAY BURST ABORE 130F.

Spill Release Procedures:REMOVE IGNIT ION SOURCES.SM QTY:WIPE UP OR MOP UP BUT DO NOT BREATHE VAPORS.PLACE RAGS IN CLOSED DRUMS; LG QTY:WEAR PERSONAL SAFETY EQUIPMENTS.DIKE AREA FAR AHEAD.ABSORB LIQUID WITH COMMERCIAL ABSORBEN T.TRANSFER WASTE MATL IN SALVAGE TANKS.

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES IN WELL VENTILATED AREA.AVOID AGAINST PHYSICAL DAMAGE TO CONTAINERS.
Other Precautions:DO NOT BREATHE VAPORS.DO NOT SMO
KE WHILE USING.DO NOT HEAT ABOVE 130F(54C).AVOID FREQUENT OR PROLONGED SKIN CONTACT.

Respiratory Protection:WEAR RESPIRATOR WITH CHEMICAL CARTRIDGE.IN CONFINED AREAS,WEAR A FULL MASK WITH SEPARATE AIR SUPPLY. Ventilation:GENERAL VENTILATION TO KEEP BELOW 350PPM OF TLV LIMIT. Protective Gloves:NITRILE RUBBER GLOVES

Eye Protection: FULL GOGGLES

Other Protective Equipment:USE IN SPRAY BOOTH OR NEXT TO AN EXHAUST VENT T

O CARRY VAPORS AWAY FROM OCCUPIED AREAS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING MATERIAL. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE OF:ZL-27A PENETRANT. Supplemental Safety and Health

NSN WAS GROUP VII OR MIL-I-25135C & HAD 3 PARTS(SEE PNI A THRU D FOR OLD PARTS);UNDER REV "D" OF SPEC,NSN BECAME TYPE I,METH C,LVL 3 & STILL HAS 3 PARTS;I/A/W QPL-25135-15,PARTS ARE:DEVELOPR(ZP-9E NOT ZP-9F),CLEANER(SKC-NF/ZC-7B),& PENETRANT(ZL-22D OR ZL-27A);KEY1:J7;REF:DGSC-SL M CASE HISTORY #88281H;THIS IS ZL-27A.

HCC:V2 Boiling Pt:B.P. Text:410F/210C Vapor Pres:0.5 @ 100F Vapor Density:>1.0 Spec Gravity:0.96 (BULK LIQ) Solubility in Water:NEGLIGIBLE Appearance and Odor:GREEN OILY LIQUID; PHYSICAL DATA APPARENTLY OF LIQUID MIXTURE BEFORE FILLING. Percent Volatiles by Volume:5.0%

Stability Indicator/Materials to Avoid:YES MFR STATED "NONE" Stability Condition to Avoid:HEAT,HIGH TEMPERATURES Hazardous Decomposition Products:EMITS OXIDES OF CARBON AND NITROGEN ON COMBUSTION.

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS EPA HAZARDOUS WASTE D001 (IGNITABLE WASTE),IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE,LOCAL REGULATIONS.MAKE SURE AEROSOL CANS ARE EMPTY BEFORE DISCARDING.PRESSURIZED AEROSOL CANS ARE NOT ACCEPTABLE WAS

TE.COMPLY REGS.

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