View NSN Online: https://aerobasegroup.com/nsn/6850-01-265-7234

Product ID:ZP-9E ZYGLO DEVELOPER (NEW FORMULATION) MSDS Date:01/06/1989 FSC:6850 NIIN:01-265-7234 **MSDS Number: BHQRK** === Responsible Party === **Company Name: MAGNAFLUX CORPORATION** Address:7300 W.LAWRENCE AVENUE City:CHICAGO State:IL ZIP:60656 Country:US Info Phone Num:708-867-8000 Emergency Phone Num:708-867-8000 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:METHYL CHLOROFORM (1,1,1-TRICHLOROEHANE) (SARA III) CAS:71-55-6 RTECS #:KJ2975000 Fraction by Wt: 65% OSHA PEL:350 PPM/450 STEL ACGIH TLV:350 PPM/450STEL;9192 EPA Rpt Qty:1000 L BS DOT Rpt Qty:1000 LBS Ozone Depleting Chemical:1

Ingred Name:METHYLAL (DIMETHOXYMETHANE) CAS:109-87-5 RTECS #:PA8750000 Fraction by Wt: 2% OSHA PEL:1000 PPM ACGIH TLV:1000 PPM; 9192

Ingred Name:TERT-BUTYL ALCOHOL (SARA III) CAS:75-65-0 RTECS #:EO1925000 Fraction by Wt: 1% OSHA PEL:100 PPM ACGIH TLV:100PPM 9394

Ingred Name:CHLORODIFLUOROMETHANE CAS:75-45-6 RTECS #:PA6390000 Fraction by Wt: 25% OSHA PEL:1000 PPM ACGIH TLV:1000PPM; 9192 Ozone Depleting Chemical:2

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:IRRITATES EYES BY SOLVENT ACTION. Effects of Overexposure:INHALATION:CAUSES DIZZINESS,DROWSINESS,NAUSEA.CAUSES UNCONSCIOUSNESS AT HIGH EXPOSURE; SKIN:NOT ABSORBED THROUGH SKIN IN SIGNIFICANT AMOUNTS.HOWEVER,IRRITATES BY DISSOLVING SKIN OILS; EYES:IRRITATING DUE TO STRONG SOLVENT ACTION; INGESTION: LOW SINGLE DOSE TOXICITY IN TEST ANIMALS. Medical Cond Aggravated by Exposure:NONE KNOWN TO MANUFACTURER.

First Aid:INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.IF BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:WASH OFF IN FLOWING WATER OR SHOWER.RMV CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.USE SOOTHING L OTION; EYES:FLUSH EYES WITH A STEADY,GENTLE FLOW OF WATER.GET MEDICAL ASST; INGESTION:DO NOT

INDUCE VOMITING.IF VOMIT IS INHALED,IT MAY CAUSE ASPHYXIATION.GET MED ATTN IMMEDIATELY;IN EMERGENCY CALL MD
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Extinguishing Media:USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRES.
Fire Fighting Procedures: KEEP CONTAINERS COOL WITH WATER SPRAY. Unusual Fire/Explosion Hazard: AEROSOL CANS CAN BURST IF HEATED ABOVE 130F(54.4C).
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Spill Releas e Procedures:LESS THAN ONE QUART:WIPE UP BUT DO NOT BREATHE VAPORS;ONE QUART OR MORE:WEAR ALL PERSONAL SAFETY EQUIPMENT TO AVOID VAPOR/LIQ CONTACT OR BREATHING.EVACUATE UNPROTECTED PERSONS.ELIMINATE IGN SOURCES.DI KE LIQ.PLACE IN COVERED DRUMS.SENT TO RECLAIMER.
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 Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES TO MINIMIZE THE DANGER FROM EXPOSURE TO FIRES.STORE IN DRY,COOL,VENTILATED AREA. Other Precautions:DO NOT USE AROUND FLAMES/RED HOT SURFACES.DO NOT HEAT ABOVE 130F.AVOID BREATHING VAPORS.AVOID FREQUENT/PROLONGED EXPOSURE TO SKIN.
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Respiratory Protection:WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE. IN CONFINED AREAS,WEAR A FULL MASK WITH SEPARATE AIR SUPPLY. Ventilation:GENERAL VENTILATION TO KEEP BELOW 350PPM LIMIT. Protective Gloves:NITRILE RUBBER GLOVES Eye Protection:FULL GOGGLES Other Protecti
ve Equipment:EITHER USE IN A SPRAY BOOTH OR NEXT TO AN EXHAUST VENT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHES BEFORE RE-USE.
Supplemental Safety and Health ITEM IS A ONE PART PRODUCT; SUPPLIER MAY SUPPLY EITHER SKD-LT OR ZP-9E DEVELOPER UNDER THIS NSN. THIS PNIND:C IS A NEW FORMULATION FOR ZP-9E, WHICH REPLACES PNIND:B.
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HCC:V2 Spec Gravity:1.3 (OF LIQUID) Evaporation

Rate & amp; Reference:0.7 (ETHER=1) Solubility in Water:NEGLIGIBLE Appearance and Odor: CLOUDY, COLORLESS LIQUID BEFORE FILLING IN AEROSOL CANS. Percent Volatiles by Volume:90.0 Stability Indicator/Materials to Avoid:YES **ALKALI METALS** Stability Condition to Avoid:HEAT/HIGH TEMPERATURES. Hazardous Decomposition Products: PHOSGENE. HYDROCHLORIC ACID GAS & OXIDES OF CARBON. ====== Disposal Considerations ==== _____ Waste Disposal Methods: DISPOSE OF AS EPA HAZARDOUS WASTE NO: F002; MAY BE SENT TO SOLVENT RECLAIMER. INSURE THAT AEROSOL CANS ARE EMPTY AND DEPRESSURIZED BEFORE DISCARDING, UNLESS A WASTE TREATMENT FACILITY IS APPROVED TO ACCE PT THEM AS IS.COMPLY WITH FED, ST, & LOCALREGS. Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department

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particular situation.