View NSN Online: https://aerobasegroup.de/nsn/6850-01-268-6695

MAGNAFLUX CORPORATION -- ZL-38 ZYGLO PENETRANT -- 6850-01-268-6695

Product ID:ZL-38 ZYGLO PENETRANT MSDS Date:04/10/1986 FSC:6850 NIIN:01-268-6695 **MSDS Number: BGSCG** === Responsible Party === **Company Name: MAGNAFLUX CORPORATION** Address:7300 W. LAWRENCE AVENUE City:CHICAGO State:IL ZIP:60656-3504 Country:US Info Phone Num:312-867-8000 Emergency Phone Num:312-867-80 00 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

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

Ingred Name:PARAFFIN OILS(PETROLEUM),C5-C20 CAS:64771-72-8 Fraction by Wt: 20.0% Other REC Limits:300PPM

Ingred Name:UNIDENTIFIED COMPONENTS;PER MFR,CONTAINS NO OTHER INGREDIENTS SUSPE CTED OF BEING HAZARDOUS I/A/W INFO IN 29CFR1910.1200 Fraction by Wt: 80.0%

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO Health Hazards Acute and Chronic:ACUTE:CAUSES DIZZINESS,NAUSEA IF INHALED AND CAUSES SKIN/EYE IRRITATION ON CONTACT.

Explanation of Carcinogenicity:PER MFR,CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS.

Effects of Overexposure:INHALATION:CAUSES DIZZINESS,DROWSINESS,NAUSEA; SKIN:LIQUID I

RRITATES BY DISSOLVING SKIN OIL; EYES:VAPORS/LIQUID CAUSES IRRITATION; INGESTION:NOT LISTED ON MSDS BY MFR BUT MAY BE HARMFUL.

Medical Cond Aggravated by Exposure:NOT KNOWN

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 AMOUNT OF RUNNING WATER,AND GET MEDICAL ATTENTION.

Flash Point Method:PMCC Flash Point:>200F/>93C Extinguishing Media:CARBON DIOXIDE,FOAM Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.DO NOT SPRAY WATER ON BURNING ZL-38. Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTION,MAY EMIT TOXIC GASES AT OR ABOVE DECOMPOSITION TEMPERATURE.

Spill Release Procedures:REMOVE IGNITION 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 CONTAINE

RS.KEEP

CONTAINERS TIGHTLY CLOSED.

Other Precautions: DO NOT BREATHE VAPORS. DO NOT SMOKE WHILE USING. DO NOT HEAT ABOVE 130F(54C). AVOID FREQUENT OR PROLONGED SKIN CONTACT.

Respiratory Protection: USE NIOSH APPROVED RESPIRATOR FOR CONFINED AREAS; IF USING IN POORLY VENTILATED AREA, USE RESPIRATOR WITH CHEMICAL CARTRIDGE.

Ventilation: GENERAL ROOM VENTILATION TO KEEP BELOW TLV LIMITS; PER MFR, USE IN SPRAY BOOTH OR

WHERE VENTILATION IS ADEQUATE.

Protective Gloves: USE NITRILE RUBBER GLOVES IF NEEDED.

Eve Protection: FULL GOGGLES/SAFETY GLASSES W/SIDEHSIELD

Other Protective Equipment:NOT KNOWN

Work Hygienic Practices: WASH OFF PROMPTLY WITH WATER. AVOID SKIN CONTACT WITH ZL-38.

Supplemental Safety and Health

NSN OF MIL-I-25135, TYPE I, METHOD C, LEVEL 4; PER QPL-25135-15, MAGNAFLUX MAY SUPPLY ONE OF THE FOLLOWING PENETRANTS FOR TYPE I, METHOD B,LEVEL 4 UNDER THIS NSN:ZL-38,ZL-37,OR ZL-30B;THIS ENTRY DESCR

IBES

Z L-38; PRODUCT NOT AVAILABLE IN AEROSOL CANS.SEE OTHER PNI OF THIS NSN FOR OTHER QUALIFIED ITEMS OF REV "D" SPEC.

HCC:N1 Boiling Pt:B.P. Text:430F/221C Vapor Pres:1.0 Spec Gravity:0.92 Solubility in Water:NEGLIGIBLE Appearance and Odor: GREEN OILY LIQUID Percent Volatiles by Volume:5%

Stability Indicator/Materials to Avoid:YES NONE KNOWN Stabili

ty 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.

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