

MAGNAFLUX CORPORATION -- ZL-22A ZYGLO PENETRANT (PRE 11/86) -- 6850-00-782-2736

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Product Identification  
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Product ID:ZL-22A ZYGLO PENETRANT (PRE 11/86)

MSDS Date:08/15/1984

FSC:6850

NIIN:00-782-2736

MSDS Number: BFPMS

=== 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

Eme

rgency Phone Num:312-867-8000

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

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Composition/Information on Ingredients  
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Ingred Name:PETROLEUM HYDROCARBONS

Fraction by Wt: 70.0%

ACGIH TLV:200 PPM

Ingred Name:DIPHENYLOCTYL PHOSPHATE

Fraction by Wt: 15.0%

Ingred Name:ETHOXYLATED OCTYLPHENOL

Fraction by Wt: 10.0%

Ingred Name:FLUORESCENT DYE(ORGANIC)

Fraction by Wt: 5.0%

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Hazards Identification  
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Effects of Overexposure:EYE:IRRIT.SKN:IRRIT,DERM,  
DEFAT,INHL,INGEST:DIZZ,DROWS,NAUS,GI IRRIT.

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First Aid Measures  
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First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG  
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH  
W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE

VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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Fire Fighting Measures  
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Flash Point:175F PMCC

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:DRY CHEMICAL,FOAM,CO\*2

Fire Fighting Procedures:N.A.

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:SOAK UP WITH SWEEPING COMPOUND & COLLECT.CAN  
BE FLUSHED AWAY WITH WATER SPRAY INTO APPROVED STORAGE CONTAINERS.

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Handling and Storage  
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Handling and Storage Precautions:KEEP CONTAINER CLOSED.STORE AWAY FROM  
HEAT IN DRY LOCATION.

Other Precautions:WASH OFF SKIN.IF EXPOSURE IS FREQUENT,WEAR PROTECTIVE  
GLOVES.REMOVE COTHING SOAKED WITH ZL-22A.

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Exposure Controls/Personal Protection  
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Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS,IF MATERIAL  
IS SPRAYED.

Ventilation:AS REQUIRED TO CONTROL TLV IN AIR

Protective GI

oves:RUBBER

Eye Protection:SAFETY GOGGLES AS NEEDED

Other Protective Equipment:FILTER TYPE RESPIRATOR MAY BE NEEDED TO TRAP  
MIST IF SPRAYED

Supplemental Safety and Health

PENETRANT WAS FLUORESCENT TYPE FOR GROUP IV OF MIL-I-25135C UNDER  
QPL-25135-13; ZL-22A PENETRANT HAS BEEN REPLACED BY ZL-22D WHICH IS  
QUALIFIED FOR TYPE I,METH B,LEVEL 3 OF MIL-I-25135D.SEE PNI-B FOR  
ZL-22D.

===== Physical/Chemical Properties =====

HCC:V4

NRC/State Lic Num:=

Boilin

g Pt:B.P. Text:400F IBP

Vapor Pres:0

Spec Gravity:0.97

Evaporation Rate & Reference:N.A.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN OILY LIQUIDS,MOTHBALL ODOR

Percent Volatiles by Volume:10.0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

MAY DISSOLVE OR SOFTEN RUBBER & PLASTICS.

===== Disposal Considerations =====

Waste Disposal Methods:TREAT AS OILY WASTE.MATERIAL IS COMBUSTIBL  
E,CAN

BE INCINERATED UNDER CONTROLLED CONDITIONS.

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