

MAGNAFLUX CORPORATION -- ZL-30A ZYGLO PENETRANT (PRE 10/85) -- 6850-01-121-0945

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Product Identification  
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Product ID:ZL-30A ZYGLO PENETRANT (PRE 10/85)

MSDS Date:10/13/1983

FSC:6850

NIIN:01-121-0945

MSDS Number: BGM TF

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 WEST LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:312-867-8000

Emer

gency 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

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Composition/Information on Ingredients  
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Ingred Name:NAPHTHA (PETROLEUM SPIRITS OR BENZIN)

CAS:8030-30-6

RTECS #:SE7555000

Fraction by Wt: 35.0%

OSHA PEL:100 PPM

Ingred Name:FLUORESCENT DYE

Fraction by W

t: 4%

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Hazards Identification  
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Effects of Overexposure:DIZZ, DERM, SKIN & EYE 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:INDUCE VOMIT. RPT  
UNTIL VOMIT IS C LEAR. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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Fire Fighting Measures  
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Flash Point:200F, 93C PMCC  
Extinguishing Media:CO\*2, FOAM  
Fire Fighting Procedures:NONE SPECIFIED BY MFG. WEAR SCBA & PROTECT  
CLTHG.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MFG.

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Accidental Release Measures  
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Spill Release Procedures:SOAK UP W SWEEPING COMPOUND/ABSORBING MATL &  
SWEEP UP. CAN BE FLUSHED AWAY W WATER SPRAY.LARGE SPILL:STOP SPILL  
AT SOURCE.ELIM ALL IGN SOURCES.DIKE SPILL AREA.P  
UMP LIQ TO SALVAGE  
TANK.ABSORB REMAINING LIQ ON ABSORBENT MATL & TRANSFER TO  
CONTAINERS.

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Handling and Storage  
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Handling and Storage Precautions:STORE AWAY FROM HEAT IN DRY LOC.KEEP  
CONTAINERS CLOSED.ALWAYS WEAR PROTECTIVE EQUIPMENTS DURING HANDLING  
TO AVOID PROLONGED/REPEATED SKIN CONTACT  
Other Precautions:EMPTY CONTR MAY BE HAZ.OBSERVE ALL PRECAUTIONS GIVEN  
IN THIS DATA SHEET.USE SPRAY PAINT BOOTH FOR SPRAYING MATL ON  
OBJE  
CTS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:SELF-CNTND.BRTHG. APP JOINTLY APPROVED BY  
NIOSH/MESA  
Ventilation:LOCAL EXHAUST REQUIRED.  
Protective Gloves:RUBBER/NEOPRENE  
Eye Protection:SAFETY/CHEM GOGGLES  
Other Protective Equipment:IMPERVIOUS CLOTHING, & BOOTS.FILTER TYPE  
RESP TO TRAP MIST  
Supplemental Safety and Health  
ITEM IS ZL-30A ZYGLO PENETRANT.UNDER THE SAME TRADE NAME,P/N,MAGNAFLUX  
CHANGED FORMULATION IN SEP 85 (SEE P/N IND "

B").EFFECTIVE NOV

86,MANUFACTURER CHANGD THE FORMULATION AS WELL AS THE P/N TO READ Z  
L-30B ZYGLO PENETRANT (SEE P/N IND "C",SAME NSN.

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

HCC:N1

Boiling Pt:B.P. Text:410F,210C

Vapor Pres:~.25

Spec Gravity:0.96

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN OILY LIQUID, OILY SMELL

Percent Volatiles by Volume:5-10

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

Stability Indicator/Materials t

o Avoid:YES

MAY DISSOLVE OR SOFTEN SOME RUBBER AND PLASTICS

Stability Condition to Avoid:HEAT, OPEN FLAME OR OTHER SOURCES OF  
IGNITION.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:INCINERATE I/A/W ALL LOCAL, STATE & FEDERAL  
REGULATIONS.

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