

MAGNAFLUX -- ZL-27A ZYGLO PENETRANT -- 6850-01-306-1382

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Product Identification
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Product ID:ZL-27A ZYGLO PENETRANT

MSDS Date:06/06/1991

FSC:6850

NIIN:01-306-1382

MSDS Number: BMWMC

=== Responsible Party ===

Company Name:MAGNAFLUX

Address:7300 W LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Info Phone Num:708-867-8000

Emergency Phone Num:708-867-8000;800-424-9300(CHEMTREC)

Prep

Preparer's Name:BRUCE C. GRAHAM

CAGE:59042

=== 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

Company Name:MAGNAFLUX

Address:7300 WEST LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656

Country:US

Phone:708-867-8000

CAGE:59042

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Composition/Information on Ingredients
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Ingredient Name:MINERAL OIL, SLAB OIL; (WHITE MINERAL OIL). PEL/TLV: AS O

IL

MIST.

CAS:8042-47-5

RTECS #:PY8047000

Fraction by Wt: 40%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3, 10 STEL

Ingred Name:PROPANE, 2-METHYL-; (ISOBUTANE)

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 30%

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL: DIZZINESS, NAUSEA. SKIN:

IRRITATION. DISSOLVES SKIN OILS. EYE: MILDLY IRRITATING. INGEST:
GASTRIC UPSET.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE.

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===== First Aid Measures =====

First Aid:INHAL: REMOVE TO FRESH AIR. SKIN: WASH OFF HANDS WITH SOAP
AND WATER. USE SOOTHING LOTION. EYE: RINSE COPIOUSLY WITH WATER FOR
AT LEAST 15 MIN. INGEST: SEE PHYS IF SEVERE.

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= Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:SUPP DATAY

Lower Limits:1%

Upper Limits:6%

Extinguishing Media:CO*2, FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT . KEEP CONTAINERS COOL WITH WATER SPRAY. DO
NOT SPRAY WATER ON BURNING ZL-27A.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY BURST AT TEMPERATURES
OVER 130F AND SPRAY OUT FLAMMABLE LIQUID.

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===== Accidental Release Measures ==

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Spill Release Procedures:INCINERATE OR SEND TO WASTE DISPOSER WHO CAN
INCINERATE IT. EMPTY OUT AEROSOL CANS BEFORE DISCARDING.
PRESSURIZED AEROSOL CANS ARE NOT AN ACCEPTABLE WASTE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID BRTHG VAP/SPRAY MIST. AVOID
FREQUENT/PRLNG SKIN EXPOSURE. DO NOT GET IN EYES. STORE AWAY FROM
HEAT SOURCES.

Other Precautions

:STORE PALLETS OF AEROSOL CARTON AS LEVEL 3 AEROSOL,
NFPA 30B.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH CHEMICAL
CARTRIDGE IF USING POORLY VENTILATED AREA.

Ventilation:USE IN SPRAY BOOTH OR WHERE VENT IS ADEQ TO CARRY VAPORS
AND OVERSPRAY FROM OCCUPIED AREAS.

Protective Gloves:NITRILE RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

BP: 430F,221C (AEROSOL: -44F). % VOLAT: 5% (AEROSOL: 35%). FL PT:
>200F, >93C (AEROSOL: -100F).

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

Boiling Pt:B.P. Text:SUPP DATA

Vapor Pres:1.0

pH:NEUT

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN, OILY LIQUID.

Percent Volatiles by Volume:SUPDAT

===== Stability and Re

activity Data =====

Stability Indicator/Materials to Avoid: YES
NONE.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: ON COMBUSTION, SMOKE, SOOT, OXIDES OF
CARBON AND NITROGEN.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS .

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