

MAGNAFLUX CORPORATION -- ZA-43 KIT, ZL-27A ZYGLO PENETRANT(POST 1/89 --
6850-00-703-7406

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===== Product Identification =====

Product ID:ZA-43 KIT, ZL-27A ZYGLO PENETRANT(POST 1/89

MSDS Date:01/06/1989

FSC:6850

NIIN:00-703-7406

MSDS Number: BJNWY

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:70

8-867-8000

Emergency Phone Num:708-867-8000

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 =====

Ingred Name:WHITE MINERAL OIL

CAS:8042-47-5

RTECS #:PY8047000

Fraction by Wt: @30%

Other REC Limits:NONE SPECIFIED

Ingred Name:ALIPHATIC PETROLEUM

SOLVENT
CAS:8008-20-6
RTECS #:OA5500000
Fraction by Wt: @10%
Other REC Limits:NONE SPECIFIED

Ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TZ4300000
Fraction by Wt: 30%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS
Effects of Overexposure:INHALATION:DIZZINESS, NAUSEA. SKIN:IRRITAT
ION.
DISSOLVES SKIN OILS. EYE:MILDLY IRRITATING INGESTION:GASTRIC UPSET.
Medical Cond Aggravated by Exposure:NONE

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

First Aid:INHALATION:REMOVE TO FRESH AIR. SKIN:USE SOOTHING LOTION.
EYE:RINSE COPIOUSLY WITH WATER. INGESTION:CALL PHYSICIAN IF SEVERE.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC
Flash Point:100F,38C
Lower Limits:1
Upper Limits:6
Extinguishing Media:CARBO
N DIOXIDE, FOAM
Fire Fighting Procedures: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 =====

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:RESPIRATOR WITH CHEMICAL CARTRIDGE IF USING IN POORLY VENTILATED AREA.

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

Protective Gloves:NITRILE RUBBER GLOVES.

Eye Protection:FULL GOGGLES WHEN SPRAYING OR POURING.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygi

enic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

ITEM IS 4 PARTS KIT WHICH ARE AS FOLLOWS: PENETRANT, ZL-27A (REPLACES ZL-22D) - 1 CAN; DEVELOPER, ZP-9E - 1 CAN; DEVELOPER, ZP-4B - 2 CANS; CLEANER/REMOVER, SKC-NF/ZC-7C - 4 CANS. THIS ENTRY DESCRIBES CLEANER/REMOVER; KEY1:F1

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

HCC:V3

Boiling Pt:B.P. Text:44.0F,6.7C

Vapor Pres:105 PSI

Vapor Density: