

MAGNAFLUX CORPORATION -- ZP-9E ZYGLO DEVELOPER -- 6850-00-782-2740

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Product Identification
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Product ID:ZP-9E ZYGLO DEVELOPER

MSDS Date:04/30/1990

FSC:6850

NIIN:00-782-2740

Kit Part:Y

MSDS Number: BHQVB

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:708-867-8000

Emergency Phone Nu

m:708-867-8000

Preparer's Name:BRUCE C. GRAHAM, CH. CHEM

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:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 65.0%

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STE

L;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:CHLORODIFLUOROMETHANE
CAS:75-45-6
RTECS #:PA6390000
Fraction by Wt: 25.0%
OSHA PEL:1000 PPM
ACGIH TLV:1000PPM; 9192
Ozone Depleting Chemical:2

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)
CAS:75-65-0
RTECS #:EO1925000
Fraction by Wt: 1.00%
OSHA PEL:100 PPM
ACGIH TLV:100PPM 9394

Ingred Name:METHYLAL (DIMETHOXYMETHANE)
CAS:109-87-5
RTECS #:PA8750000
Fraction by Wt: 2.0%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 91
92

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CAUSES IRRITATION TO SKIN BY
DISSOLVING SKIN OILS. NOT ABSORBED THROUGH SKIN IN SIGNIFICANT
AMOUNTS. CAUSES EYE IRRITATION DUE TO SOLVENT ACTION. LOW SINGLE
DOSE TOXICITY IN TEST ANIMALS.
Explanation of Carcinogenicity:PER MFRG., CONTAINS NO KNOWN CARCINOGENS
L
ISTED WITH OSHA, IARC OR NTP.
Effects of Overexposure:INHALATION: VAPORS MAY CAUSE DIZZINESS,
DROWSINESS, NAUSEA. UNCONSCIOUSNESS AT HIGH EXPOSURE; EYES: MAY
CAUSE IRRITATION DUE TO SOLVENT ACTION; SKIN: MAY CAUSE IRRITATION.
DISSOLVES SKIN OILS.INGESTION: NOT KNOWN.LOW SINGLE DOSE TOXICITY
INTEST ANIMALS.
Medical Cond Aggravated by Exposure:NOT KNOWN TO THE MANUFACTURER.

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

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; E YES: IMMEDIATELY RINSE/FLUSH WITH COPIOUS AMOUNT OF
RUNNING WATER, AND GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE
VOMITING; IF VOMIT IS INHALED, IT MAY CAUSE ASPHYXIATION. GET
MEDICAL ATTENTION.

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

Flash Point:NONE
Lower Limits:1
0%
Upper Limits:15%
Extinguishing Media:NONE NOTED; HOWEVER, USE SUITABLE EXTINGUISHING
MEDIA FOR SURROUNDING FIRES.
Fire Fighting Procedures:KEEP AEROSOL CONTAINERS COOL WITH WATER SPRAY.
DO NOT INCINERATE AEROSOL CANS.
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY BURST AT TEMPERATURE
OVER 130F. VAPORS PARTIALLY DECOMPOSE TO TOXIC GASES WHEN EXPOSED
TO FLAME, ARCS, OR RED HOT SURFACES.

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===== Accidental Release Measures =====

Spill Release Procedur
es:REMOVE IGNITION SOURCES.SMALL SPILL(3 (ETHYL ALCOHOL=1)
Solubility in Water:NEGLIGIBLE
Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES
POWDERED ZINC AND POWDERED ALUMINUM.
Stability Condition to Avoid:HEAT, HIGH TEMPERATURES.
Hazardous Decomposition Products:EMITS PHOSGENE AND HYDROCHLORIC ACID
GASES IN ADDITION TO OXIDES OF CARBON ON COMBUSTION.

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===== Disposal Considerations

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Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE #F002
(HALOGENATED SOLVENT),I/A/W ALL APPLICABLE FEDERAL,STATE,LOCAL
REGULATIONS;MAY BE SENT TO SOLVENT RECLAIMER.ENSURE THAT AEROSOL
CANS ARE EMPTY AND DEPRESSURIZED BEFORE DISCARDING,UNLESS ACCEPTED
BY DISPOSERS.

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