

MAGNAFLUX CORPORATION -- ZP-4B ZYGLO DRY DEVELOPER (POST 12/1987) -- 6850-01-264-8682

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

Product ID:ZP-4B ZYGLO DRY DEVELOPER (POST 12/1987)

MSDS Date:12/09/1988

FSC:6850

NIIN:01-264-8682

MSDS Number: BGRWD

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W.LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:312-86

7-8000

Emergency 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

===== Composition/Information on Ingredients =====

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS
FORMS) (SARA III)

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 05.0%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG

/M3 TDUST; 9293

Ingred Name:SILICA, AMORPHOUS, DUST
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 05.0%
Other REC Limits:6MG/CUM
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3; 8990

Ingred Name:CALCIUM PHOSPHATE (FROM EARLIER MSDS DATED 12/84)-SEE SUPPL
DATA.
Fraction by Wt: 35.0%

Ingred Name:MAGNESITE
CAS:546-93-0
RTECS #:OM2470000
Fraction by Wt: 15.0%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:PENTAERYTHRITOL
CAS:115-77-5
RTECS #:RZ2490000
Fraction by Wt: 40.0%
OSHA P
EL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SEE OVEREXPOSURE EFFECTS.
Effects of Overexposure:INHALATION: NUISANCE DUST; SKIN: IRRITATING DUE
TO DRYING ACTION; EYES: IRRITATING DUE TO GRITTY ACTION/TEXTURE;
INGESTION:NOT KNOWN.

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

First Aid:INHALATION: REMOVE TO FRESH

AIR. GET MEDICAL ASSISTANCE IF
DIFFICULTY IN BREATHING; SKIN: WASH OFF WITH PLENTY OF WATER; EYES:
FLUSH WITH COPIOUS AMOUNT OF WATER. IMMEDIATELY GET MEDICAL
ATTENTION IF IRRITATION PERSISTS; INGESTION: NOT STATED BY MFR.

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

Flash Point:NONE
Extinguishing Media:WATER, CARBON DIXIDE, FOAM
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.
Unusual Fire/Explosion Hazard:NONE; FLOATING ZP-4
B DUST CAN BE IGNITED
BY HIGH ENERGY ARC.

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

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQUIPMENT.AVOID
CREATING DUST.SWEEP UP,RETURN TO STOCK UNLESS CONTAMINATED;PLACE IN
COVERED CONTAINERS.

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

Handling and Storage Precautions:WASH HANDS AFTER USE.STORE IN COOL AND
DRY PLACE.KEEP CONTAINER TIGHTLY CLOSED.
Other Precautions:AVOID BREATHING
DUST.DO NOT GET IN EYES.KEEP DRY.

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

Respiratory Protection:USE FILTER MASK,IF USING IN POORLY VENTILATED
AREA.
Ventilation:MECHANICAL(GENERAL)
Protective Gloves:NEOPRENE
Eye Protection:SAFETY GLASSES
Work Hygienic Practices:WASH HANDS AFTER EACH USE.
Supplemental Safety and Health
ITEM IS ONE PART PRODUCT.QPL-25135-15 COVERS MULTIPLE PRODUCTS UNDER
TYPE I, FORM A, OF MIL-I-25135E; NSN (ESTABLISHED IN 1987) IS FOR
TY

PE I,FORM A, MATERIAL; THIS NSN REPLACES THE OLD NSN:6850-01-12
1-0950 WHICH WAS FOR GROUPS VIA/VIB UNDER
QPL-25135-13,MIL-I-25135C; NO CHANGE IN FORMULATION OCCURED.

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

HCC:V7
Spec Gravity:0.20
Solubility in Water:NEGLIGIBLE
Appearance and Odor:FLUFFY,WHITE POWDER,ODORLESS

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED
Stability Condition t
o Avoid:NONE KNOWN
Hazardous Decomposition Products:OXIDES OF CARBON IF HEATED TO BURNING.

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

Waste Disposal Methods:MANUFACTURER SUGGESTS TREAT AS NON-HAZARDOUS
WASTE. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL
REGULATIONS.

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