

MAGNAFLUX CORP -- ZYGLO DRY POWDER DEVELOPER, ZP-4A/1 PINT -- 6850-01-031-4756  
===== Product Identification =====

Product ID:ZYGLO DRY POWDER DEVELOPER, ZP-4A/1 PINT

MSDS Date:03/04/1993

FSC:6850

NIIN:01-031-4756

MSDS Number: CBQNP

=== Responsible Party ===

Company Name:MAGNAFLUX CORP

Address:7300 WEST AINSLIE AVE

City:HARWOOD HEIGHTS

State:IL

ZIP:60656

Country:US

Info Phone Num:708-867-8000

Em

ergency Phone Num:800-424-9300(CHEMTREC)

CAGE:37141

=== 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 CORP

Address:7300 W LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Phone:708-867-8000

CAGE:37141

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

Ingred Name:TALC (POWDER), CONTAINING NO ASBESTOS

FIBERS; (TALC)  
CAS:14807-96-6  
RTECS #:WW2710000  
Fraction by Wt: 65%  
OSHA PEL:20 MPPCF Z-3  
ACGIH TLV:2 MG/M3 RDUST

Ingred Name:ALUMINUM OXIDE (SARA 313)  
CAS:1344-28-1  
RTECS #:BD1200000  
Fraction by Wt: 35%  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards A  
cute and Chronic:SKIN:NONE. EYES:GRITTY TEXTURE MAY  
SCRATCH EYEBALL. INHALATION:MAY PLUG BREATHING PASSAGES.  
INGESTION:NOT SIGNIFICANT.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE.

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

First Aid:INGESTION:CALL MD IMMEDIATELY . SKIN:FLUSH W/COPIOUS AMOUNTS  
OF WATER. CALL MD . EYES:RINSE CAREFULLY UNDER UPPER AND LOWER  
EYELIDS FOR A  
T LEAST 15 MINUTES USING PLENTY OF WATER. INHALATIO  
N:REMOVE TO FRESH AIR.

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

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SWEEP UP.  
Neutraliz

ing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BREATHING DUST.

Other Precautions:KEEP DRY.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH FILTER IF  
USED IN ENCLOSED, UNVENTILATED SPACE.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS

GOGGS .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH AND DELUGE  
SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH:NEUTRAL.

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

Boiling Pt:B.P. Text:NONE

Vapor Pres:NONE

Spec Gravity:0.2

pH:SUPDAT

Evaporation Rate & Reference:NONE

Solubility in Water:INSOLUBLE

Appearance and Odor:FLUFFY WHITE DUSTY POWDER.

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:IF HEATED TO COMBUSTION TEMPERATURES,  
SOOT, SMOKE, OXIDES OF CARBON.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL  
REGULATIONS . DISPOSE OF AS ORDINARY WASTE.

Disclaimer (provided with this information by

the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.