

AIRCO WELDING PRODUCTS DIV OF BOC GROUP INC -- AIRCO 7016M 0.125 WELDING ROD --
3439-00-450-2700

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

Product ID: AIRCO 7016M 0.125 WELDING ROD

MSDS Date: 12/02/1985

FSC: 3439

NIIN: 00-450-2700

MSDS Number: BDZCZ

=== Responsible Party ===

Company Name: AIRCO WELDING PRODUCTS DIV OF BOC GROUP INC

Address: 575 MOUNTAIN AVE

City: NEW PROVIDENCE

State: NJ

ZIP: 07974-2006

Country: U

S

Info Phone Num: 908-771-1381

Emergency Phone Num: 908-771-1381

CAGE: 83923

=== Contractor Identification ===

Company Name: AIRCO WELDING PRODUCTS DIV OF THE BOC GROUP INC.

Address: 4437 E 49TH STRRET

City: CLEVELAND

State: OH

ZIP: 44125-1005

Country: US

Phone: 216-641-8790

CAGE: 83923

Company Name: DIV OF THE BOC GROUP INC AIRCO INC

Address: 575 MOUNTAIN AVENUE

Box: City: MURRAY HILL

State: NJ

ZIP: 07974

Country: US

Phone: 908-665-2400

CAGE: 6S493

Company Name: THE LINCOLN ELECTRIC CO

Address: 22801 ST CLAIR AVE

Bo

:10 MG/M3
ACGIH TLV:10 MG/CUM

Ingred Name:MAGNETITE, MAGNETIC OXIDE
CAS:1309-38-2
RTECS #:OM4800000
OSHA PEL:5 MG/CUM
ACGIH TLV:10 MG/CUM

Ingred Name:OZONE
CAS:10028-15-6
RTECS #:RS8225000
Other REC Limits:0.1 PPM
OSHA PEL:0.2 MG/CUM
ACGIH TLV:V 0.20 MG/CUM

Ingred Name:CARBON DIOXIDE *97-2*
CAS:124-38-9
RTECS #:FF6400000
Other REC Limits:10000 PPM
OSHA PEL:5000 PPM
ACGIH TLV:5000 PPM

Ingred Name:CARBON MONOXIDE
CAS:630-08-0
RTECS #:FG3500000
Other REC Limits:50 PPM
OSHA PEL:50 PPM
ACGIH TL
V:50 PPM

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: MAY CAUSE NOSE, THROAT/EYE
IRRITATION, SIDEROSIS, DEATH. ARC RAYS: MAY CAUSE 2ND & 3RD DEGREE
BURNS TO SKIN. CONTACT W/WLECTRICAL WELDING EQUIPMENT CAN KILL.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, BURNS, DISCOMFORT, DIZZINESS,

NAUSEA, DRYNESS, UNCONSCIOUSNESS.

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

First Aid:INHALATION: GIVE CPR/OXYGEN IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:NON-FLAMMABLE

Unusual Fire/Explosion Hazard:WELDING ARC & SPARKS CAN IGNITE COMBUSTIBLES & FLAMMABLE PRODUCTS.

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

Handling and Storage Precautio

ns:TRAIN WORKER TO KEEP HEAD OUT OF FUME

PLUME. PROVIDE PROTECTIVE SCREENS & FLASH GOGGLES TO SHIELD OTHERS.

Other Precautions:COMPOSITION OF FUMES & GASES DEPENDS UPON METAL BEING WELDED, COATINGS ON METAL, AIR CONTAMINANTS FROM CLEANING & DEGREASING SOLVENTS, INGREDIENTS OF ELECTRODES. TAKE AIR SAMPLES INSIDE WELDER'S HELME T/BREATHING ZONE TO FIND COMPOSITION.

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

Respiratory Protection:WEAR A NIOSH APPROVED FUM
E/AIR-SUPPLIED

RESPIRATOR WHEN WELDING IN CONFINED SPACES/WHERE VNETILATION DOESN'T KEEP FUME EXPOSURES