

UNION CARBIDE -- ARC GOUGING ELECTRODES -- 3439-00-288-4048

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

Product ID:ARC GOUGING ELECTRODES

MSDS Date:01/01/1985

FSC:3439

NIIN:00-288-4048

MSDS Number: BDTZZ

=== Responsible Party ===

Company Name:UNION CARBIDE

Emergency Phone Num:304-744-3487

CAGE:07098

=== Contractor Identification ===

Company Name:UNION CARBIDE

Phone:800-822-4357

CAGE:07098

Company Name:UNIO

N CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

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

Ingred Name:GRAPHITE, SYNTHETIC

CAS:7440-44-0

RTECS #:FF5250100

Fraction by Wt: UNK

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:ALKALI HALIDES(FROM GROUP OF CHLORIDES,FLUORIDS,BROMIDES &
IODIDES OF SODIUM/POTASSIUM)

Fraction by Wt: 6.0%

Ingred Name:ALKAL

I SILICATES(FROM GROUP OF COMPLEX SILICON OXIDE
COMPOUNDS OF SODIUM & POTASSIUM)

Fraction by Wt: 4.0%

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Fraction by Wt: 30.0%

OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2MG/M3 FUME; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:RARE EARTH OXIDES(FROM GROUP OF COMPLEX OXIDES OF
LANTHANUM,CERIUM,PRASEODYMIUM)

Fraction by Wt: 20.0%

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

Effects of Over

exposure:POSSIBLE HAZARDS:ELECTRIC SHOCK & BURNS;
RADIANT ENERGY; GASES, FUMES, & DUSTS.

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

First Aid:ELECTRIC SHOCK & BURNS:DEACTIVATE POWDER,ADMINISTER CPR AS
INDICATED,COVER BURNS W/STERILE DRY DRESSINGS. CALL A PHYSICIAN;
RADIANT ENERGY:IF"FLASH" BURNS OF EYES & SKIN. SEE PHYSICIAN;
GASES:REMOVE T O FRESH AIR

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

Extinguishing Media:WILL NOT B
URN,USE WATER TO COOL

Fire Fighting Procedures:NONE CURRENTLY KNOWN

Unusual Fire/Explosion Hazard:NONE CURRENTLY KNOWN

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

Handling and Storage Precautions:CANNOT CALSSIFY ARE GOUGING FUMES IN
SIMPLE MANNER, DEPENDENT ON ALLOY & ELECTRODES USED. REVIEW OSHA
ZACFR 1910.252

Other Precautions:AVOID ALLOWING ITEM TO BECOME AN IGNITION SOURCE FOR
COMBUSTIBLES/FLAMMABLES

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

=====

Respiratory Protection:DEPENDS ON SPECIFIC USE,CONDITIONS & LOCATION;
OSHA ZACFR 1910.252
Ventilation:LOCAL EXHAUST DEPENDS ON INDIVIDUAL CIRCUMSTANCES
Protective Gloves:WELDING GLOVES
Eye Protection:SAFETY GOGGLES/SPECTACLES
Other Protective Equipment:WELDING HELMET,FLAME RETARDANT CLOTHING, EAR
PROTECTION
Supplemental Safety and Health

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

HCC:N1
Appearance and Odor:BARE & COPPER COATED CARBON RODS, ALL
SIZES &SHAPE

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

Stability Indicator/Materials to Avoid:YES
NONE CURRENTLY KNOWN
Stability Condition to Avoid:NONE CURRENTLY KNOWN
Hazardous Decomposition Products:OZONE, COPPER OXIDE & CARBON MONOXIDE,
OXIDES OF INGREDIENT

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

Waste Disposal Methods:NORMAL, ENVIRONMENTALLY ACCEPTABLE, INDUSTRIAL
WASTE DISPOSAL, LAND FILL, BURIAL, ETC

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.