

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

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Product Identification  
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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:UNI

ON 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

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Composition/Information on Ingredients  
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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:ALKA

LI 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%

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Hazards Identification  
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Effects of Ove

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

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First Aid Measures  
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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

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Fire Fighting Measures  
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Extinguishing Media:WILL NOT  
BURN,USE WATER TO COOL

Fire Fighting Procedures:NONE CURRENTLY KNOWN

Unusual Fire/Explosion Hazard:NONE CURRENTLY KNOWN

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Handling and Storage  
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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

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Exposure Controls/Personal Protection  
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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

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