

INWELD MFG CORP -- PURE TUNGSTEN ELECTRODES -- 3439-00-814-6031

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Product Identification
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Product ID:PURE TUNGSTEN ELECTRODES

MSDS Date:07/01/2001

FSC:3439

NIIN:00-814-6031

Status Code:A

MSDS Number: CLNQM

=== Responsible Party ===

Company Name:INWELD MFG CORP

Address:3962 PROTLAND ST

Box:40

City:COPLAY

State:PA

ZIP:18037-0040

Country:US

Info Phone Num:610-261-1900

Emergency Phone Num:80

0-346-5368

CAGE:66376

=== Contractor Identification ===

Company Name:BLACK AND CO

Address:5351 W MINNESOTA ST

Box:UNKNOW

City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-243-8676

Contract Num:SP0490-00-D-4063

CAGE:00WU8

Company Name:INWELD MFG CORP

Address:3962 PORTLAND ST

Box:40

City:COPLAY

State:PA

ZIP:18037-0040

Country:US

Phone:610-261-1900

CAGE:66376

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Composition/Information on Ingredients
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Ingred Name:TUNGSTEN

CAS:7440-33-7

RTECS #:YO7175000

= Wt:100.

ACGIH TLV:5 MG/M3
ACGIH STEL:10 MG/M3

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:RADIANT ENERGY CAN PRODUCE "FLASH"
BURNS OF EYES AND SKIN. GASES, FUMES, AND DUST OVEREXPOSURE CAN
CAUSE PERSONAL INJURY.
Effects of Overexposure:SYMPTOMS WILL VARY ACCORDING TO THE PROCESS AND
ITS APPLICATION. NOISE OVEREXPOSURE CAN DAMAGE HEARING. GASES,
FUMES AND DUST OVERE
XPOSURE CAN CAUSE PERSONAL INJURY.

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

First Aid:ELECTRIC SHOCK AND BURNS: DEACTIVATE POWER. ADMINISTER CPR AS
REQUIRED. COVER BURNS WITH STERILE DRESSING, CALL A PHYSICIAN.

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

Extinguishing Media:WILL NOT BURN USE WATER TO COOL.
Fire Fighting Procedures:NONE CURRENTLY KNOWN.
Unusual Fire/Explosion Hazard:NONE CURRENTLY KNOWN.

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

Spill Release Procedures:CLEAN OFF AND USE.

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

Handling and Storage Precautions:ARCS AND SPARKS DURING USE COULD BE
THE SOURCE OF IGNITION OF COMBUSTIBLE MATERIALS.

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

Respiratory Protection:DEPENDS ON USE, CONDITION, AND LOCATION. USE
ADEQUATE VENTILATION OR PERSONAL RESPIRATORY PROTECTION.
Ventilation:LOCAL VENTILATI

ON RECOMMENDED. SEE OSHA 29CFR1910.252 &
ANSI Z49.1. IN CONFINED AREAS LOCAL EXHAUST IS ESSENTIAL.
Protective Gloves:WELLDING GLOVES RECOMMENDED.
Eye Protection:SAFETYSPECTACLES OR GOGGLES.
Other Protective Equipment:SEE ANSI Z49.1, WELDING HELMET, FLAME
RETARDANT CLOTHING RECOMMENDED. SEE AWS C5.3.
Supplemental Safety and Health
PRODUCT TRADE NAME/PRODUCT CLASSIFICATION: PURE TUNGSTEN ELECTRODES.

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

HCC:N1
Boiling Pt:B.
P. Text:ND
Melt/Freeze Pt:=618.C, #####F
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:APPROX: 1.80
pH:NA
Viscosity:NA
Evaporation Rate & Reference:NA
Solubility in Water:NA
Appearance and Odor:SILVER SOLID, NO ODOR.
Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:ELEVATED TEMPERATURES IN AN OXIDIZING
ENVIRONMENT.

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

Waste Disposal Methods:NORMAL, ENVIRONMENTALLY ACCEPTABLE, INDUSTRIOUS
WASATE DISPOSAL, LAND FILL, BURIAL, ETC. DISPOSE OF IN ACCORDANCE
WITH LOCAL, STATE AND FEDERAL REGULATIONS.

===== Other Information =====

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