

TWECO PRODUCTS INC -- ARCAIR SLICE CUTTING ROD,UNCOATED (SUPPLEMENTAL) --
3439-01-325-7642

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

Product ID:ARCAIR SLICE CUTTING ROD,UNCOATED (SUPPLEMENTAL)

MSDS Date:01/01/1996

FSC:3439

NIIN:01-325-7642

MSDS Number: CBTHM

=== Responsible Party ===

Company Name:TWECO PRODUCTS INC

Address:4200 W HARRY STREET

Box:12250

City:WICHITA

State:KS

ZIP:67277

Country:US

Info Phon

e Num:316-942-1421

Emergency Phone Num:316-648-5129

Preparer's Name:DENNIS WILSON

CAGE:89381

=== Contractor Identification ===

Company Name:TWECO PRODUCTS, INC.

Address:4200 WEST HARRY ST.

Box:12250

City:WICHITA

State:KS

ZIP:67277

Country:US

Phone:316-946-8308;316-942-1421

CAGE:89381

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

Ingred Name:MILD STEEL

Fraction by Wt: 99%+

Other REC Limits:NONE RECOMMENDED

===== 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 Acute and Chronic:INHAL:WHEN CUTTING CERTAIN
MATLS(LEAD,CADMIUM,BERYLLIUM,ETC)AIRBORNE CONC MAY EXCEED TLV'S
CAUSING DRYNESS OF THROAT,BREATHING DIFFICULTY OR
UNCONSC.VISUAL:EXPO TO ULTRA-VIOLET RADIATION FROM POWDERED ARC
CAN RESULT IN KERATONCONJUNCTIVITIS(WELDERS FLASH)CAUSING
INFLAMM,BLURRED VISION,HEADACHE.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NOT LISTED.
Effects of Overexposure:DRYNESS OF THROAT, BREATING DIFFICULTY OR
UNCOSNC. KERATONCONJUNCTIVITIS (WELDER'S FLASH) CAUSING
INFLAMMATION, BLURRED VISION, HEADACHE.
Medical Cond Aggravated by Exposure:POSSIBLY EXISTING RESPIRATORY.

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

First Aid:INHAL:REMOVE TO FRESH AIR & SEEK MED ATTN. VISUAL:CONSULT
PHYSICIAN-PREFERABLY AN EYE SPECIALIST.

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

Flash Point:NA
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:DOES NOT BURN READILY.
Fire Fighting Procedures:DOES NOT BURN READILY.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:PICK UP SPENT ENDS WHEN COOL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling a

nd Storage =====

Handling and Storage Precautions:STORE IN LOW HUMIDITY ENVIRONMENT.AVOID BREATHING VAPORS!INTENSE HEAT GENERATED WHEN IN OPERATION!

Other Precautions:WHEN PLACED INTO SERVICE W/WELDING POWER SOURCE,AN INTENSE ELCTRIC ARC IS CREATED GENERATING FUMES/GASES/ULTRA-VIOLET RAYS WHICH CAN DMG EYE/PENETRATE LIGHT CLOTH/BURN SKIN.WHEN NOT IN SERVICE RODS PO SE NO PARTICULAR HAZARD.

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

Respiratory Protection:NIOSH-MESA DETERMINED FOR FUME/DUST PROTECTION. AS REQUIRED TO MAINTAIN BELOW TLV'S.

Ventilation:LOC EXHAUST:PREFERRED FOR FUME/DUST REDUCTION. MECHANICAL:TO MAINTAIN BELOW TLV'S/PEL'S.

Protective Gloves:AS USED IN CONVENTIONAL ARC WELDING.

Eye Protection:FACESHIELD;FILTER LENS FOR UV PROTECTION

Other Protective Equipment:AS USED IN CONVENTIONAL ARC WELDING.SUITABLE FOOTWEAR FOR METAL WORKING.

Work Hygienic Practices:OPERATOR TRAINED TO AVOID ELECTRICAL SHOCK & UV RAY EXPOSURE.

Supplemental Safety and Health
CAT #:43-079-002,-003,-007,-009,-005.

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NA

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE.

Appearance and Odor:SOLID, ROLLED STEEL TUBE, NO NOTABLE ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid: YES
NONE KNOWN.

Hazardous Decomposition Products: IRON OXIDE FUMES IN ADDITION TO THOSE
GENERATED BY MATERIALS BEING CUT.

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

Waste Disposal Methods: SOLID LANDFILL IF LOCAL REGULATIONS ALLOW.

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.