



TUNGSTEN 2% THORIA WELDING ELECTRODE (WT 20)

MSDS Number

CLMGT

National Stock Number

3439-00-105-9945

Product Name

TUNGSTEN 2% THORIA WELDING ELECTRODE (WT 20)

Manufacturer

PLANSEE AKTIENGESELLSCHAFT

Product Identification

Product ID:TUNGSTEN 2% THORIA WELDING ELECTRODE (WT 20)

MSDS Date:12/06/1999

FSC:3439

NIIN:00-105-9945

Status Code:A

MSDS Number: CLMGT

Responsible Party

PLANSEE AKTIENGESELLSCHAFT

A-6600 REUTTE

TYROL (AUSTRIA)

AS

Emergency Phone: 43-5672/600-2226

Info Phone: 000-00-00000

Preparer: DR GEORG THURNER

Cage: UO701

Contractor

SCHWARZKOPF TECHNOLOGIES CORP

FRANKLIN, MA 02038

US

508-553-3800

Cage: 01AK0

Ingredients

TUNGSTEN

CAS: 7440-33-7

RTECS: YO7175000

ACGIH TLV: 5 MG/M3

THORIUM OXIDE

CAS: 1314-20-1

RTECS: XO6950000

Hazards

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

Health Hazards Acute and Chronic:SKIN/EYE: NO IRRITANT EFFECT.

SENSITIZATION: NO SENSITIZING EFFECTS KNOWN. WHEN USED AND HANDLED



ACCORDING TO THE SPECIFICATIONS, THE PRODUCT DOES NOT HAVE ANY HARMFUL EFFECTS ACCORDING TO OUR EXPERIENCE AND THE INFORMATION PROVIDED TO US.

Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER
Effects of Overexposure:SKIN/EYE: NO IRRITANT EFFECT. SENSITIZATION: NO SENSITIZING EFFECTS KNOWN. WHEN USED AND HANDLED ACCORDING TO THE SPECIFICATIONS, THE PRODUCT DOES NOT HAVE ANY HARMFUL EFFECTS ACCORDING TO OUR EXPERIENCE AND THE INFORMATION PROVIDED TO US.
Medical Condition Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

First Aid

First Aid:NO SPECIAL MEASURES REQUIRED. INHALATION: SUPPLY FRESH AIR, CONSULT DOCTOR IN CASE OF COMPLICATIONS. SKIN CONTACT: GENERALLY THE PRODUCT DOES NOT IRRITATE THE SKIN. EYE CONTACT: RINSE AFFECTED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. AFTER SWALLOWING: IF SYMPTOMS PERSIST CONSULT DOCTOR.

Fire Fighting

Extinguishing Media:CO2, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH SPRAY OR ALCOHOL RESISTANT FOAM.
Fire Fighting Procedures:NO SPECIAL MEASURES REQUIRED.
Unusual Fire/Explosion Hazard:RISK OF DUST EXPLOSION.

Accidental Release

Spill Release Procedures:AVOID FORMATION OF DUST. USE RESPIRATORY PROTECTIVE DEVICE AGAINST THE EFFECTS OF FUMES/DUST/AEROSOL. DO NOT ALLOW TO PENETRATE THE GROUND/SOIL. PICK UP MECHANICALLY. SEND FOR RECOVERY OR DISPOSAL IN SUITABLE RECEPTACLES.
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

Handling

Handling and Storage Precautions:ENSURE THAT SUITABLE EXTRACTORS ARE AVAILABLE ON PROCESSING MACHINES. STORE AWAY FROM FOODSTUFFS.
Other Precautions:DUST CAN COMBINE WITH AIR TO FORM AN EXPLOSIVE MIXTURE.

Exposure Controls

Respiratory Protection:USE SUITABLE RESPIRATORY PROTECTIVE DEVICE ONLY WHEN AEROSOL OR MIST IS FORMED..
Ventilation:THE PRODUCT DOES NOT CONTAIN ANY RELEVANT QUANTITIES OF MATERIALS WITH CRITICAL VALUES THAT HAVE TO MONITORED AT THE WORKPLACE.
Protective Gloves:NOT REQUIRED.
Eye Protection:NOT REQUIRED.
Other Protective Equipment:PROTECTIVE WORK CLOTHING.
Work Hygienic Practices:DO NOT EAT, DRINK, SMOKE OR SNIFF WHILE WORKING.
Supplemental Safety and Health
NO DATA PROVIDED BY MANUFACTURER

Chemical Properties

HCC:N1
Melt/Freeze Pt:Vapor Density:Solubility in Water:INSOLUBLE
Appearance and Odor:GRAY, SOLID MATERIAL; ODORLESS.

Stability

REACTS WITH ACIDS, ALKALIS AND OXIDIZING AGENTS. RISK OF DUST EXPLOSION.
Stability Condition to Avoid:NO DATA PROVIDED BY MANUFACTURER
Hazardous Decomposition Products:NO DANGEROUS DECOMPOSITION PRODUCTS KNOWN.

Disposal

Waste Disposal Methods:MUST BE SPECIALLY TREATED TO OFFICIAL REGULATIONS. SMALLER QUANTITIES CAN BE DISPOSED OF WITH HOUSEHOLD WASTE. DISPOSAL MUST BE MADE ACCORDING TO OFFICIAL REGULATIONS.



Toxicology

Toxicological Information: ACUTE TOXICITY-PRIMARY IRRITANT EFFECT: ON THE SKIN-NO IRRITANT EFFECT. ON THE EYE-NO IRRITATING EFFECT. SENSITIZATION: NO SENSITIZING EFFECTS KNOWN. ADDITIONAL TOXICOLOGICAL INFORMATION: THE PRODUCT IS NOT SUBJECT TO CLASSIFICATION ACCORDING TO THE CALCULATION METHOD OF THE GENERAL EU CLASSIFICATION GUIDELINES FOR PREPARATIONS AS ISSUED IN THE LATEST VERSION. WHEN USED AND HANDLED ACCORDING TO THE SPECIFICATIONS THE PRODUCT DOES NOT HAVE ANY HARMFUL EFFECTS ACCORDING TO OUR EXPERIENCE AND THE INFORMATION PROVIDED TO US.

Other Information

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.

Ecology

Ecological: GENERAL NOTES: WATER HAZARD CLASS 0 (GERMAN REGULATION).

Transport

Transport Information: MARITIME TRANSPORT IMDG: (NO DATA PROVIDED BY MANUFACTURER). MARINE POLLUTANT: NO.

Regulatory

SARA Title III Information: NO DATA PROVIDED BY MANUFACTURER
Federal Regulatory Information: NO DATA PROVIDED BY MANUFACTURER
State Regulatory Information: NO DATA PROVIDED BY MANUFACTURER