

SULZER PLASMA TECHNIK, INC. -- AMDRY 301 AND CDS 1301 POWDER -- 3439-01-380-6752

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

Product ID:AMDRY 301 AND CDS 1301 POWDER

MSDS Date:02/25/1992

FSC:3439

NIIN:01-380-6752

MSDS Number: BYHLP

=== Responsible Party ===

Company Name:SULZER PLASMA TECHNIK, INC.

Address:1972 MEIJER DRIVE

City:TROY

State:MI

ZIP:48084

Country:US

Info Phone Num:313-288-1200

Emergency Phone Num:800-424-9300

CAGE:53654

=== Contractor Identification ===

Co

Company Name:SULZER PLASMA TECHNIK INC

Address:1972 MEIJER DR

Box:84310

City:TROY

State:MI

ZIP:48084-0310

Country:US

Phone:313-288-1200

CAGE:53654

Company Name:SULZER PLASMA TECHNIK, INC.

Box:UNKNOWN

CAGE:63765

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

Ingred Name:TUNGSTEN

CAS:7440-33-7

RTECS #:YO7175000

Fraction by Wt: 88%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:COBALT

CAS:7440-48-4

RTECS #:GF8750000

Fraction by Wt: 12%

Other R

EC Limits:NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: LUNGS, DIGESTIVE SYSTEM, SKIN. CHRONIC EXPOSURE MAY CAUSE CORNEAL DMAGE, POLYCYTHEMIA, HYPERPLASIA OF THE THYROID GLAND, AND DAMAGE TO THE APLHA CELLS OF THE PANCREAS.

Explanation of Carcinogen

icity:NOT LISTED.

Effects of Overexposure:NAUSEA, ABDOMINAL PAIN, VOMITING, DIARRHEA, BURNING SENSATION, INTERSTITIAL PNEUMONITIS, MAY CAUSE SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES-IRRIGATE IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN-IMMEDIATELY FLUSH SKIN WITH SOAP & WATER. IF ANY IRRITATION PERSIS

T AFTER WASHING, GET MEDICAL ATTENTION.

INHALATIO N-MOVE TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM CPR. KEEP WARM & AT REST. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. INGESTION-GIVE 2 GLASSES OF MILK OR WATER. INDUCE VOMITING. GET AID.

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

Flash Point:NA

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:DRY CHEMICAL OR SAND.

Fire Fighting Procedures:NONE

SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:FINELY DIVIDED DUST MAY IGNITE WHEN IN CONTACT WITH A FLAME.

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

Spill Release Procedures:PROTECTIVE EQUIPMENT SHOULD BE WORN TO PREVENT CONTACT OR INHALATION. COLLECT MATERIAL BY WET SWEEPING, DRY SWEEPING WITH A SWEEPING COMPOUND, OR BY VACUUM CLEANING WITH AN EXPLOSION PROOF APPARATUS E QUIPPED WITH A HEPA FILTER.

===== Handling and Stor

age =====

Handling and Storage Precautions:KEEP PRODUCT DRY AND IN CLOSED
CONTAINERS. DO NOT STORE NEAR MINERAL ACIDS.

Other Precautions:HAZARD CLASS NONE.

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

Respiratory Protection:USE NIOSH APPROVED PARTICULATE RESPIRATOR
WHENEVER DUST MAY BE DETECTED IN THE AIR.

Ventilation:USE AN ADEQUATE LOCAL EXHAUST VENTILATION SYSTEM FOR ANY
OPERATIONS LIKELY TO PRODUCE DUST, MIST OR FUME.

Protective Gloves:

IMPERVIOUS GLOVES, HEAT RESISTANT GLOVES

Eye Protection:SAFETY GLASSES, SHADED LENS GOGGLES.

Other Protective Equipment:WEAR SAFETY FOOTWARE. WEAR PROTECTIVE
CLOTHING AT ALL TIMES. EAR PROTECTION SHOULD BE WORN. SAFETY SHOWER
& EYE WASH.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING POWDER OR
ITS BY-PRODUCTS. KEEP WORK AREA CLEAN. DO NOT EAT OR DRINK IN WORK
AREA.

Supplemental Safety and Health

LAUNDER PROTECTIVE CLOTHING AND GLOVES AS REQUIRED. CHANGE CLOTHING

DAILY.

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

HCC:N1

Boiling Pt:B.P. Text:NA

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

Decomp Temp:Decomp Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NA

Evaporation Rate & Reference:NA

Solubility in Water:NONE

Appearance and Odor:DUSTY POWDER/NO ODOR.

Percent Volatiles by Volume:NA

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

CHLORINE TRIFL

UORIDE, FLUORINE, NITROGEN DIOXIDE, NITROUS OXIDE, IODINE
PENTAFLUORIDE, LEAD OXIDE AND ACETYLENE.
Stability Condition to Avoid:OZONE & NITRIC OXIDE ARE FORMED BY HIGH
TEMPERATURE PLASMA OR COMBUSTION JET.
Hazardous Decomposition Products:NA

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

Waste Disposal Methods:SALVAGE MATERIAL FOR ON-SITE REUSE OR RECYCLING,
OR CONTACT THE APPROPRIATE LOCAL GOVERNMENT AUTHORITY FOR GUIDANCE
ON ACCEPTABLE WASTE STORAGE AND D
ISPOSAL METHODS.

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