

QUALITEK INTL INC -- RMA 200 WIRE SOLDER -- 3439-01-233-1124

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Product Identification  
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Product ID:RMA 200 WIRE SOLDER

MSDS Date:02/17/1999

FSC:3439

NIIN:01-233-1124

Status Code:A

MSDS Number: CLJBR

==== Responsible Party ====

Company Name:QUALITEK INTL INC

Address:315 FAIRBANK ST

City:ADDISON

State:IL

ZIP:60101

Country:US

Info Phone Num:1-630-628-8083

Emergency Phone Num:1-800-535-5053

Prep

Preparer's Name:NOT PROVIDED

CAGE:0N5C3

==== Contractor Identification ====

Company Name:PERFORMANCE ALLOYS

Address:1212 HIGHLAND AVENUE

Box:City:MANHATTAN BEACH

State:CA

ZIP:90266

Country:US

Phone:310-546-8459

Contract Num:SP0490-01-M-XH96

CAGE:0A4S7

Company Name:QUALITEK INTL INC

Address:315 FAIRBANK ST

Box:City:ADDISON

State:IL

ZIP:60101

Country:US

Phone:1-630-628-8083

CAGE:0N5C3

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Composition/Information on Ingredients  
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Ingredient Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

O

ther REC Limits:NOT PROVIDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3

Ingred Name:LEAD

CAS:7439-92-1

RTECS #:OF7525000

Other REC Limits:NOT PROVIDED

OSHA PEL:0.05 MG/M3

ACGIH TLV:0.15 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:SILVER

CAS:7440-22-4

RTECS #:VW3500000

Other REC Limits:NOT PROVIDED

OSHA PEL:0.01 MG/M3

ACGIH TLV:0.1 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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===== Hazards Identification =====  
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LD50 LC50 Mixture:NOT PROVIDED

Routes of Entry: Inhala

tion:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE (SEVERE SHORT TERM) HEALTH

HAZARDS: MAY LEAD TO CENTRAL NERVOUS SYSTEM DISORDERS, EXPOSURES OF THIS MAGNITUDE IN AN INDUSTRIAL ENVIRONMENT ARE EXTREMELY UNLIKELY.

CHRONIC (LONG TERM) HEALTH HAZARDS: LONG TERM EXPOSURE TO LEAD MAY CAUSE DAMAGE TO BLOOD FORMING, NERVOUS, KIDNEY, AND REPRODUCTIVE SYSTEMS. DAMAGE MAY INCLUDE REDUCED FERTILITY IN BOTH ME

N AND

WOMEN.

Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY NTP, OSHA,

ACGIH; IARC CLASSIFIES LEAD AND IT COMPOUNDS A GROUP 2B CARCINOGEN (POSSIBLY CARCINOGENIC TO HUMANS)

Effects of Overexposure:METALLIC TASTE, ANEMIA, INSOMNIA, WEAKNESS,

CONSTIPATION, ABDOMINAL PAIN, GASTROINTESTINAL DISORDERS, JOINT AND MUSCLE PAINS AND MUSCULAR WEAKNESS.

Medical Cond Aggravated by Exposure:DISEASES OF THE BLOOD AND BLOOD

FORMING ORGANS; KIDNEYS, NERVES AND POSSIBLY REPRO

## DUCTIVE SYSTEMS.

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

First Aid:PERFORM THE FOLLOWING FIRST AID PROCEDURES; CONSULT A PHYSICIAN AND GET PROPER MEDICAL ATTENTION WHEN NECESSARY. EYE CONTACT: FLUSH WELL WITH RUNNING WATER TO REMOVE PARTICULATE. SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER. IF MOLTEN SOLDER COMES IN CONTACT WITH SKIN, COOL WITH WATER. INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING STOPS, GIVE CPR AND CONTACT A PHYSICIAN. INGESTION: DRINK A LOT OF WATER. DO NOT INDUCE VOMITING AND GET PROPER MEDICAL ATTENTION.

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

Flash Point:NON FLAMMABLE  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:IN SOLID STATE, PICK-UP AND REUSE. WHEN MOLTEN, LET SOLIDIFY AND: IF NOT CONTAMINATED-REUSE, IF CONTAMINATED-DISPOSE OF PROPERTY.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:PRACTICE GOOD HOUSEKEEPING PROCEDURES.  
Other Precautions:INADVERTENT CONTAMINANTS SUCH AS MOISTURE OR OIL CAN CAUSE AN EXPLOSION WHEN CHARGED TO MOLTEN METAL. (PREHEATING WILL REMOVE MOISTURE).

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

Respiratory Protection:SELECT RESPIRATOR IN ACCORDANCE WITH OSHA LEAD EXPOSURE STANDARD 2

9 CFR 1910.1025 AND RESPIRATOR STANDARD 29 CFR 1910.134

Ventilation:AS REQUIRED KEEP EXPOSURES BELOW THE PEL & TLV

Protective Gloves:RECOMMENDED TO AVOID CONTACT

Eye Protection:SAFETY GLASSES OR GOGGLES RECOMMENDED. FACE SHIELD AROUND MOLTEN METAL

Other Protective Equipment:FULL PROTECTION CLOTHING AND SHOES FOR LEAD EXPOSURES ABOVE PEL

Work Hygienic Practices:WASH HANDS AND FACE AFTER HANDLING PRODUCT. DO NOT PERMIT EATING, DRINKING, SMOKING, OR APPLYING COSMETICS IN PRODUCT

WORK AREAS. IF LEAD EXPOSURE OVER PEL, SHOWER AT END OF WORK SHIFT.

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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Physical/Chemical Properties  
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HCC:N1  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:=1380.C,  
2516.F  
Melt/Freeze Pt:M.P/F.P Text:VARIES  
Decomp Temp:Decomp Text:NOT PROVIDED  
Vapor Pres:(MMHG):1 @1591F(866C)  
Spec Gravity:(H2O=1 @25C):VARIES  
Solubility in Water:SLIGHT  
Appearance and Odor:SILVER GRAY METAL IN WIRE FORM, ODORLESS

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS, STRONG OXIDIZERS  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:IF MELTED OR CUT, MAY RELEASE METAL DUST OR FUMES

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Toxicological Information  
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Toxicological Information:NOT PROVIDED

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Ecological Information  
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Ecological:NOT PROVIDED

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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MSDS Transport Information  
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Transport Information:DOT: DOT PROPER SHIPPING NAME: NOT REGULATED

BY  
DOT.

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Regulatory Information  
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SARA Title III Information:LEAD AND SILVER ARE SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 AND 40 CFR 372.

Federal Regulatory Information:TSCA: LISTED. CERCLA: AS SOLD, IN WIRE FORM, THERE IS NO RQ.

State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS LEAD, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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Other Information  
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