

## **0.650 SOLDER**

### **MSDS Number**

BJBLZ

### **National Stock Number**

6520-00F012032

### **Product Name**

0.650 SOLDER

### **Manufacturer**

J M NEY COMPANY

### **Product Identification**

Product ID:0.650 SOLDER

MSDS Date:01/01/1987

FSC:6520

NIIN:00F012032

MSDS Number: BJBLZ

### **Responsible Party**

J.M. NEY COMPANY

NEY INDUSTRIAL PARK

BLOOMFIELD , CT 06002

Emergency Phone: (203) 242-2281

Info Phone: (203) 242-2281

Cage: FO552

### **Contractor**

NEY DENTAL INCORPORATED

BLOOMFIELD, CT 06002-5000

US

800-243-1942/203-242-2281

Cage: 43710

### **Ingredients**

SILVER (SARA III)

CAS: 7440-22-4

RTECS: VW3500000

Fraction By Weight: 26.3%

OSHA PEL0.01 MG/M3

ACGIH TLV: 0.1 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

COPPER (SARA III)

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 13.1%

OSHA PEL0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ZINC (SARA III)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 3.9%

OSHA PEL10 MG ZNO/M3

ACGIH TLV: 10 MG ZNO/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TIN

CAS: 7440-31-5

RTECS: XP7320000

Fraction By Weight: 1.7%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

## Hazards

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

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

Health Hazards Acute and Chronic:SKIN: GRAY PIGMENTATION, IRRITATION, CUTS & BURNS. INGESTION: GASTROINTESTINAL TRACT EFFECTS.

INHALATION: PULMONARY SYSTEM EFFECTS & BENIGN PNEUMOCONIOSIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: GRAY PIGMENTATION, IRRITATION, CUTS &

BURNS. INGESTION: GASTROINTESTINAL TRACT EFFECTS. INHALATION:

PULMONARY SYSTEM EFFECTS & BENIGN PNEUMOCONIOSIS.

## First Aid

First Aid:INHALATION: REMOVE FROM EXPOSURE & OBTAIN PROMPT MEDICAL ATTENTION.

## Fire Fighting

Unusual Fire/Explosion Hazard:ZINC DUST & SILVER DUST IS A MODERATE EXPLOSION HAZARD.

## Accidental Release

Spill Release Procedures:IF LARGE QUANTITIES OF DUST ARE GENERATED, USE INDUSTRIAL VACUUM TO CLEAN UP. MOLTEN METAL SHOULD BE ALLOWED TO SOLIDIFY BEFORE CLEAN UP.

## Handling

Handling and Storage Precautions:PROVIDE PROTECTIVE EQUIPMENT WHEN CUTTING, GRINDING, SOLDERING, WELDING, MELTING, & HANDLING OF NON-FERROUS METALS.

## Exposure Controls

Respiratory Protection:WEAR WHEN CUTTING, GRINDING, SOLDERING OR WELDING.

Ventilation:LOCAL EXHAUST TO KEEP DUST, MIST OR FUMES Protective Gloves:RECOMMENDED WHEN GRINDING OR MELTING

Eye Protection:RECOMMENDED

Supplemental Safety and Health

ALLOYS PRODUCTS ARE SOLID METALS SHAPED AS WIRE, PLATE, STRIP OR IN FINISHED FORMS AS INGOTS, NUGGETS, ELECTRICAL CONTACT ASSEMBLIES, SWITCHES, OR AS OTHER FORMS FOR ELECTRONIC & DENTAL USE.

## Chemical Properties

Appearance and Odor:SOLID METALS, WIRE, PLATE, STRIP, INGOTS, NUGGETS.

## Stability

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:WELDING FUMES

## Disposal

Waste Disposal Methods:DISPOSAL OF DUST USING APPROVED METHODS CONSISTANT W/APPLICABLE LOCAL, STATE, & FEDERAL REGULATIONS. MOLTEN METAL SHOULD BE RECLAIMED USING STANDARD INDUSTRIAL PRACTICES SUCH AS REMELTING & REFINING.

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.