

## **SILVALOY 503**

### **MSDS Number**

BDPYS

### **National Stock Number**

3439-00-262-4192

### **Product Name**

SILVALOY 503

### **Manufacturer**

ENGELHARD CORP

### **Product Identification**

Product ID: SILVALOY 503

MSDS Date: 01/01/1985

FSC: 3439

NIIN: 00-262-4192

MSDS Number: BDPYS

### **Responsible Party**

ENGELHARD CORPORATION

Emergency Phone: (617)695-7811

Cage: 23036

### **Contractor**

ENGELHARD CORPORATION

OLON, OH 44139

US

216-292-9200

Cage: 23036

### **Ingredients**

SILVER (SARA III)

CAS: 7440-22-4

RTECS: VW3500000

Fraction By Weight: 50.0%

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: 14.5%

OSHA PEL0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

#### CADMIUM (SARA III)

CAS: 7440-43-9

RTECS: EU9800000

Fraction By Weight: 16.0%

OSHA PELSEE 1910.1027

ACGIH TLV: 0.01 MG/M3 DUST;9394

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

#### ZINC (SARA III)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 15.5%

OSHA PEL10 MG ZNO/M3

ACGIH TLV: 10 MG ZNO/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

#### NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 3.0%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

### Hazards

Effects of Overexposure:CADMIUM POISONIN:INGESTION & INHALATION WILL CAUSE VOMITING DIARRHEA,HEADACHE,DIZZINESS,FEVER C.PAIN

### First Aid

First Aid:KEEP PATIENT WARM AND GET MEDICAL ATTENTION IMMEDIATELY.

### Fire Fighting

Extinguishing Media:NONE

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

### Accidental Release

Spill Release Procedures:NONE

### Handling

Handling and Storage Precautions:USE NORM PROCEDURES FOR HANDLING/STORING.USE PROPER PERSONAL PROTECTION.

Other Precautions:NOT SPECIFIED BY THE MFR. DON'T INHALE FUMES WHILE BRAZING. WASH HANDS BEFORE EATING,DRINKING AND SMOKING.

### Exposure Controls

Respiratory Protection:IF EXCED TLV,NIOSH/MSHA APPR SELF-CNTND BRTHG APP (POS PR MODE)

Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES  
Other Protective Equipment:PROVIDE GOOD VENTILATION AND AVOID  
OVERHEATING WHILE BRAZING  
Supplemental Safety and Health  
MSDS REVISED ON 10/5/84

## Chemical Properties

HCC:N1  
Spec Gravity:9.49  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:ALLOY OF SILVER,COPPER,ZINC,NICKEL AND CADMIUM

## Stability

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:NOT SPECIFIED BY THE MFR.  
Hazardous Decomposition Products:ZINC VAPORS WHILE BRAZING.  
Conditions to Avoid Polymerization:AVOID OVERHEATING WHILE BRAZING TO  
MINIMIZE CD VAPORIZATION

## Disposal

Waste Disposal Methods:NONE

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