

## **GOLD UNDERCOATING, SPS 5360**

### **MSDS Number**

BSKNG

### **National Stock Number**

6850-00N047244

### **Product Name**

GOLD UNDERCOATING, SPS 5360

### **Manufacturer**

SELECTRONS LTD

### **Product Identification**

Product ID:GOLD UNDERCOATING, SPS 5360

MSDS Date:06/22/1988

FSC:6850

NIIN:00N047244

MSDS Number: BSKNG

### **Responsible Party**

SELECTRONS LTD

137 MATTATUCK HEIGHTS RD

WATERBURY , CT 06725-0115

US

Emergency Phone: 203-755-9900

Info Phone: 203-755-9900

Cage: 13929

### **Contractor**

SELECTRONS LTD

115

WATERBURY, CT 06725-0115

US

203-755-9900

Cage: 13929

### **Ingredients**

1,2-ETHANEDIAMINE; (ETHYLENEDIAMINE) (SARA III)

CAS: 107-15-3

RTECS: KH8575000

Fraction By Weight:

OSHA PEL10 PPM

ACGIH TLV: 10 PPM, S

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

REPEAT IF SYMPS RECUR. NEW TREATMENT REGIMIN OF 100%

RTECS: 9999999ZZ

W/IN THE IMMEDIATE WORK AREA FOR EMERGENCY

RTECS: 9999999ZZ

FACILITIES. IF CLTHG SHOULD BECOME CONTAM

RTECS: 9999999ZZ

AGAIN UNTIL LAUNDERED OR SHOULD BE DISPOSED OF.

RTECS: 9999999ZZ

GOGGLES AND FULL LENGTH FACESHIELD

RTECS: 9999999ZZ

POTASSIUM DICYANOAUATE (FORMERLY CAS # 554-07-4)

CAS: 13967-50-5

Fraction By Weight: 2.2%

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

## Hazards

LD50 LC50 Mixture:LD50:(ORAL,RAT) 6.44 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:THIS MATL CAN CAUSE GENERAL WEAKNESS, DIFFICULTY IN BRTHG, CYANOSIS, NOSE BLEED, HDCH, DIZZ, NAUS, VOMIT, TACHYCARDIA, COMA & RESP ARREST CAUSING DEATH. ADMIN OF ANY FIRST AID PROCS MUST BE GIVEN BY A QUALIFIED INDIVIDUAL, PREFERRABLY A MED DOCTOR. ACUTE:CLINICAL SYMPS OF TOX ARE LIKELY TO DEVELOP FROM(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:INHAL OF DUST/VAP MIST (IN SOLN).

IRRIT OF MOUTH, PHARYNX, ESOPHAGUS & STOMACH. CHRONIC:CAN CORRODE SKIN IN ANIMALS & CAN CAUSE DMG TO HUMAN SKIN. CONT CAN CAUSE

"CYANIDE RASH", A CONT DERM T O CYANIDE SOLNS GENERATED IN HUMID ATM.ALSO CAN CAUSE CAUSTIC BURNS TO SKIN OVER PRLNG PERIODS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:SPEED IS ESSNTL IN FIRST AID. CALL MD. ALWAYS HAVE CYANIDE FIRST AID KIT AVAIL, IT CAN BE PURCHASED FROM ANY SFTY SUPPLY CO.

INHAL:REMOVE TO FRESH AIR. SUPPORT BRTHG (GIVE O\*2/ARTF RESP) .

SKIN: WASH MATL OFF CONTAM AREA W/SOAP & WATER. EYES:FLUSH W/COPIOUS AMTS OF WATER FOR AT LST 15 MINS. INGEST:BREAK AMYL NITRITE PEARLS IN CLOTH & HOLD UNDER NOSE FOR ABOUT 15 SECONDS. DO NOT GIVE (SUPDAT)

## Fire Fighting

Extinguishing Media:WATER FOG, DRY CHEMICAL, HALON 211 - DO NOT USE CO\*2.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:HIGHLY TOXIC & FLAMMABLE HYDROGEN CYANIDE IS RELEASED BY CONTACT W/CARBON DIOXIDE & ACIDS. CAN FORM EXPLOSIVE MIXTURES W/AIR.

## Accidental Release

Spill Release Procedures:VENTILATE SPILL AREA. WEAR FULL BODY

PROTECTION. ABSORB SPILL W/INERT MATL & SAVE FOR REFINING OF PRECIOUS METAL. DO NOT FLUSH TO ANY SEWER/DRAIN. DO NOT ALLOW ACIDIC MATLS TO COME INTO CONTACT W/CYAN IDE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN AIR TIGHT CONTAINERS IN A COOL, DRY AREA & WELL VENTILATED; AWAY FROM INCOMPATIBLE MATERIALS I.E., ACIDS.  
Other Precautions:EATING & SMOKING SHOULD NOT BE PERMITTED IN AREAS WHERE THIS PRODUCT IS HANDLED OR STORED. PROPER TRAINING SHOULD BE GIVEN IN HANDLING THIS MATERIAL.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.  
Ventilation:LOCAL EXHAUST: ADEQUATE EXHAUST. AREAS SHOULD BE MONITORED REGULARLY FOR CYANIDE LEVELS.  
Protective Gloves:IMPERVIOUS RUBBER GLOVES.  
Eye Protection:ANSI APPROVED CHEMICAL WORK (ING 7)  
Other Protective Equipment:FULL BODY CLTHG PROT. WHERE THERE IS POSS OF EXPOS, FACILITIES FOR DRENCHING OF BODY & EYES SHOULD BE PROVIDED (ING 4)  
Work Hygienic Practices:EMPLOYEES WHO HANDLE THIS MATL SHOULD WASH THEIR HANDS & FACE THORO BEFORE EATING, SMOKING/USING TOILET (ING 5)  
Supplemental Safety and Health  
FIRST AID PROC:MOUTH TO MOUTH RESP. INDUCE VOMIT - HAVE VICTIM LIE DOWN. DO NOT ADMIN ANYTHING TO UNCON PERS. NOTE TO MD:MED THERAPY - ADMIN 10 ML OF 3% SODIUM NITRITE 1 V AT 2.5-5 ML/MIN TO ADULTS & 10 MG/KG TO CHILDREN. IMMED FOLLOWING THIS, GIVE 50 ML OF 25% SODIUM THIOSULFATE SOLN 1 V, AT 2.5-5 ML/MIN. (ING 3)

## Chemical Properties

Boiling Pt:B.P. Text:212F,100C  
Spec Gravity:1.1 (H\*2O=1)  
pH:8.3  
Appearance and Odor:YELLOW COLOR; AMMONIACAL ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
ACIDS, OXIDIZING AGENTS SUCH AS NITRATES, CHLORATES, PEROXIDES.  
Hazardous Decomposition Products:HYDROGEN CYANIDE, HYDROCYANIC GAS.

## Disposal

Waste Disposal Methods:MUST BE DISPOSED OF IN PERMITTED FACILITIES UNDER LOCAL, STATE OR FEDERAL REGULATIONS.

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